

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043160.D
 Acq On : 16 Apr 2021 12:03
 Operator : SY/MD
 Sample : VU0416WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 9:40:36 AM

Quant Time: Apr 17 02:29:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	99260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	154410	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	145777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	79143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	82433	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.298	113	55481	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	7.906	98	199813	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	10.639	95	74693	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	17630	17.21	ug/l	96
3) Chloromethane	1.523	50	19612	17.18	ug/l	100
4) Vinyl Chloride	1.607	62	20082	17.98	ug/l	99
5) Bromomethane	1.858	94	15206	24.99	ug/l	97
6) Chloroethane	1.932	64	13739	17.81	ug/l	99
7) Trichlorofluoromethane	2.137	101	34742	18.31	ug/l	97
8) Diethyl Ether	2.382	74	12266	20.19	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	17677	18.10	ug/l	98
10) Methyl Iodide	2.726	142	19138	14.87	ug/l	97
11) Tert butyl alcohol	3.269	59	31508m	73.26	ug/l	
12) 1,1-Dichloroethene	2.581	96	17241	18.55	ug/l	96
13) Acrolein	2.494	56	17728	73.79	ug/l	99
14) Allyl chloride	2.928	41	40800	18.09	ug/l	98
15) Acrylonitrile	3.327	53	87712	94.82	ug/l	99
16) Acetone	2.645	43	89701	91.15	ug/l	96
17) Carbon Disulfide	2.797	76	46049	16.11	ug/l	98
18) Methyl Acetate	2.957	43	42554	20.40	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	72723	19.81	ug/l	99
20) Methylene Chloride	3.051	84	21903	18.48	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	19364	17.84	ug/l	96
22) Diisopropyl ether	4.002	45	82270	19.07	ug/l	96
23) Vinyl Acetate	3.964	43	393277	94.21	ug/l	100
24) 1,1-Dichloroethane	3.877	63	40299	18.48	ug/l	98
25) 2-Butanone	4.722	43	134932	89.02	ug/l	97
26) 2,2-Dichloropropane	4.674	77	34508	18.04	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	23458	18.99	ug/l	98
28) Bromochloromethane	4.983	49	21551	19.37	ug/l	94
29) Tetrahydrofuran	5.067	42	89796	94.08	ug/l	97
30) Chloroform	5.099	83	43152	18.68	ug/l	91
31) Cyclohexane	5.394	56	35921	17.45	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	36372	17.81	ug/l	97
36) 1,1-Dichloropropene	5.536	75	29278	17.87	ug/l	99
37) Ethyl Acetate	4.813	43	51653	18.44	ug/l	98
38) Carbon Tetrachloride	5.533	117	31382	17.87	ug/l	95
39) Methylcyclohexane	6.771	83	30239	16.79	ug/l	97
40) Benzene	5.784	78	86773	18.54	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043160.D
 Acq On : 16 Apr 2021 12:03
 Operator : SY/MD
 Sample : VU0416WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 9:40:36 AM

Quant Time: Apr 17 02:29:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	26451	17.96	ug/l	97
42) 1,2-Dichloroethane	5.803	62	39682	19.11	ug/l	99
43) Isopropyl Acetate	5.922	43	74475	18.64	ug/l	97
44) Trichloroethene	6.549	130	22368	18.84	ug/l	97
45) 1,2-Dichloropropane	6.800	63	24921	19.11	ug/l	99
46) Dibromomethane	6.925	93	17741	19.24	ug/l	95
47) Bromodichloromethane	7.115	83	33427	18.36	ug/l	98
48) Methyl methacrylate	6.970	41	36422	18.16	ug/l	95
49) 1,4-Dioxane	7.018	88	13843	344.52	ug/l #	96
51) 4-Methyl-2-Pentanone	7.806	43	271382	91.83	ug/l	98
52) Toluene	7.976	92	53138	18.31	ug/l	96
53) t-1,3-Dichloropropene	8.218	75	35977	17.80	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	37432	18.24	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	23434	18.83	ug/l	97
56) Ethyl methacrylate	8.343	69	36886	18.09	ug/l	95
57) 1,3-Dichloropropane	8.584	76	40711	18.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	50615	65.28	ug/l	98
59) 2-Hexanone	8.700	43	214405	88.10	ug/l	99
60) Dibromochloromethane	8.819	129	25762	17.89	ug/l	97
61) 1,2-Dibromoethane	8.931	107	26250	18.70	ug/l	100
64) Tetrachloroethene	8.562	164	21096	19.95	ug/l	97
65) Chlorobenzene	9.455	112	57417	18.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	22143	18.53	ug/l	98
67) Ethyl Benzene	9.578	91	105172	18.64	ug/l	99
68) m/p-Xylenes	9.703	106	75998	36.41	ug/l	97
69) o-Xylene	10.108	106	37067	18.19	ug/l	97
70) Styrene	10.121	104	62032	18.08	ug/l	99
71) Bromoform	10.301	173	21284	17.28	ug/l #	98
73) Isopropylbenzene	10.491	105	102399	19.28	ug/l	97
74) N-amyl acetate	10.330	43	62575	18.34	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	44562	19.27	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	42960m	18.58	ug/l	
77) Bromobenzene	10.790	156	27809	18.79	ug/l	98
78) n-propylbenzene	10.912	91	120686	18.98	ug/l	99
79) 2-Chlorotoluene	10.992	91	72578	18.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	88772	18.93	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	12663	16.09	ug/l	90
82) 4-Chlorotoluene	11.105	91	88113	18.98	ug/l	99
83) tert-Butylbenzene	11.426	119	85772	18.61	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	88243	18.32	ug/l	100
85) sec-Butylbenzene	11.651	105	98981	18.32	ug/l	99
86) p-Isopropyltoluene	11.803	119	90559	18.21	ug/l	98
87) 1,3-Dichlorobenzene	11.754	146	50100	18.68	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	50763	18.14	ug/l	99
89) n-Butylbenzene	12.217	91	80396	17.26	ug/l	97
90) Hexachloroethane	12.484	117	15016	16.11	ug/l	95
91) 1,2-Dichlorobenzene	12.221	146	50255	18.33	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11256	17.19	ug/l	92
93) 1,2,4-Trichlorobenzene	13.848	180	30603	17.88	ug/l	100
94) Hexachlorobutadiene	14.031	225	16135	17.44	ug/l	97
95) Naphthalene	14.095	128	95967	18.58	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	31202	18.70	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043160.D
Acq On : 16 Apr 2021 12:03
Operator : SY/MD
Sample : VU0416WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Manual Integrations
APPROVED

MMDadoda
4/19/2021 9:40:36 AM

Quant Time: Apr 17 02:29:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

