

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042869.D
 Acq On : 01 Apr 2021 10:28
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:40:50 PM

Quant Time: Apr 01 11:22:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 01 11:19:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	95000	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.426	117	95837	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53191	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	5860	0.93 ug/L	0.00
7) Chloroethane-d5	1.922	69	4797	1.00 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	13395	0.94 ug/L	0.00
20) 2-Butanone-d5	4.652	46	22049	10.60 ug/L	0.00
24) Chloroform-d	5.076	84	12090	0.97 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	8840	1.15 ug/L	0.00
32) Benzene-d6	5.738	84	23286	0.99 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7844	1.03 ug/L	0.00
41) Toluene-d8	7.906	98	22907	1.00 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	3263	0.92 ug/L	0.00
46) 2-Hexanone-d5	8.645	63	16055	9.47 ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	6435	0.95 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	9170	0.95 ug/L	0.00
Target Compounds					
2) Dichlorodifluoromethane	1.388	85	7294	0.82 ug/L	Qvalue 93
3) Chloromethane	1.523	50	7254	0.87 ug/L	93
5) Vinyl chloride	1.607	62	7262	0.86 ug/L	97
6) Bromomethane	1.864	94	3808	0.82 ug/L	93
8) Chloroethane	1.941	64	4738	0.94 ug/L	97
9) Trichlorofluoromethane	2.147	101	11941	0.87 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	5482	0.76 ug/L #	92
12) 1,1-Dichloroethene	2.591	96	5535	0.83 ug/L	84
13) Acetone	2.661	43	14782	9.22 ug/L	67
14) Carbon disulfide	2.803	76	17995	0.84 ug/L	100
15) Methyl Acetate	2.973	43	3268	0.82 ug/L #	68
16) Methylene chloride	3.057	84	6681	0.83 ug/L	98
17) Methyl tert-butyl Ether	3.372	73	16599	0.88 ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	5771	0.82 ug/L	94
19) 1,1-Dichloroethane	3.883	63	11870	0.87 ug/L	98
21) 2-Butanone	4.735	43	25043m	9.19 ug/L	
22) cis-1,2-Dichloroethene	4.674	96	6846	0.91 ug/L	94
23) Bromochloromethane	4.986	128	3004	0.84 ug/L #	80
25) Chloroform	5.099	83	13569	0.95 ug/L	92
27) 1,2-Dichloroethane	5.803	62	9371	0.88 ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	11238	0.84 ug/L	96
30) Cyclohexane	5.401	56	10555	0.79 ug/L	97
31) Carbon tetrachloride	5.536	117	9543	0.81 ug/L	99
33) Benzene	5.784	78	25013	0.83 ug/L	100
34) Trichloroethene	6.552	95	7004	0.84 ug/L	94
35) Methylcyclohexane	6.774	83	10082	0.80 ug/L	92
37) 1,2-Dichloropropane	6.800	63	7223	0.89 ug/L #	94
38) Bromodichloromethane	7.115	83	9219	0.87 ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	9653	0.82 ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	60173	8.53 ug/L #	94
42) Toluene	7.976	91	27769	0.85 ug/L	92
44) trans-1,3-Dichloropropene	8.221	75	9203	0.85 ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042869.D
 Acq On : 01 Apr 2021 10:28
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:40:50 PM

Quant Time: Apr 01 11:22:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 01 11:19:37 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.410	97	5435	0.91	ug/L	89
47) Tetrachloroethene	8.558	164	5582	0.82	ug/L	95
48) 2-Hexanone	8.700	43	42442	8.15	ug/L	94
49) Dibromochloromethane	8.819	129	6009	0.80	ug/L	85
50) 1,2-Dibromoethane	8.931	107	4908	0.83	ug/L #	97
51) Chlorobenzene	9.455	112	17971	0.86	ug/L	95
52) Ethylbenzene	9.578	91	29377	0.80	ug/L	96
53) m,p-Xylene	9.700	106	10900	0.80	ug/L	91
54) o-Xylene	10.108	106	10744	0.81	ug/L	94
55) Styrene	10.121	104	17611	0.78	ug/L	92
56) Isopropylbenzene	10.491	105	28831	0.79	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.790	83	6295	0.79	ug/L	95
59) 1,2,3-Trichloropropane	10.828	75	4761	0.78	ug/L	97
61) Bromoform	10.301	173	3649	0.76	ug/L #	98
62) 1,3-Dichlorobenzene	11.754	146	15259	0.83	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	15582	0.85	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	14202	0.80	ug/L	95
66) 1,2-Dibromo-3-chloropr...	13.005	75	981	0.66	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	11516	0.72	ug/L	96
68) 1,2,4-trichlorobenzene	13.847	180	9712	0.74	ug/L	97
69) Naphthalene	14.098	128	14369	0.67	ug/L	98
70) 1,2,3-Trichlorobenzene	14.339	180	8442	0.71	ug/L	94

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

