

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042829.D
 Acq On : 30 Mar 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:11:17 AM

Quant Time: Mar 31 02:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	78901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	79917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42681	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20183	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.919	69	18311	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.578	63	55109	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.649	46	76682	44.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.80%			
24) Chloroform-d	5.076	84	52660	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.713	65	31974	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.735	84	89394	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.700	67	29884	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.906	98	87352	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloroprop...	8.189	79	13581	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.645	63	72012	50.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.86%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29257	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	12.201	152	36885	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	35778	4.87	ug/L	100
3) Chloromethane	1.523	50	34738	5.00	ug/L	99
5) Vinyl chloride	1.607	62	34495	4.94	ug/L	100
6) Bromomethane	1.864	94	21181	5.50	ug/L	97
8) Chloroethane	1.941	64	21502	5.16	ug/L	100
9) Trichlorofluoromethane	2.144	101	59742	5.24	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32088	5.36	ug/L	98
12) 1,1-Dichloroethene	2.588	96	28550	5.14	ug/L	91
13) Acetone	2.665	43	49613m	37.28	ug/L	
14) Carbon disulfide	2.803	76	91372	5.16	ug/L	98
15) Methyl Acetate	2.964	43	13818	4.18	ug/L	95
16) Methylene chloride	3.054	84	30297	4.55	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	72112	4.61	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	28915	4.95	ug/L	99
19) 1,1-Dichloroethane	3.880	63	57044	5.06	ug/L	98
21) 2-Butanone	4.729	43	85304	37.71	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	31444	5.03	ug/L	97
23) Bromochloromethane	4.986	128	15157	5.10	ug/L	94
25) Chloroform	5.099	83	59560	5.03	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042829.D
 Acq On : 30 Mar 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:11:17 AM

Quant Time: Mar 31 02:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	44282	4.98	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	53735	4.84	ug/L	96
30) Cyclohexane	5.398	56	51099	4.61	ug/L	99
31) Carbon tetrachloride	5.536	117	47771	4.87	ug/L	99
33) Benzene	5.784	78	120842	4.83	ug/L	100
34) Trichloroethene	6.552	95	32944	4.75	ug/L	99
35) Methylcyclohexane	6.771	83	49016	4.65	ug/L	97
37) 1,2-Dichloropropane	6.803	63	33433	4.95	ug/L	98
38) Bromodichloromethane	7.115	83	42426	4.82	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	46592	4.74	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	298970	50.79	ug/L	95
42) Toluene	7.977	91	135826	4.98	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	44734	4.93	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	24753	4.97	ug/L	97
47) Tetrachloroethene	8.562	164	28052	4.96	ug/L	99
48) 2-Hexanone	8.697	43	221687	51.05	ug/L	95
49) Dibromochloromethane	8.819	129	31706	5.09	ug/L	100
50) 1,2-Dibromoethane	8.935	107	24606	5.01	ug/L	95
51) Chlorobenzene	9.456	112	84727	4.86	ug/L	98
52) Ethylbenzene	9.578	91	148372	4.83	ug/L	99
53) m,p-Xylene	9.703	106	55714	4.90	ug/L	99
54) o-Xylene	10.108	106	54566	4.96	ug/L	98
55) Styrene	10.121	104	92997	4.97	ug/L	100
56) Isopropylbenzene	10.491	105	146749	4.85	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32808	4.92	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	24191	4.77	ug/L	99
61) Bromoform	10.301	173	19525	5.07	ug/L	96
62) 1,3-Dichlorobenzene	11.755	146	74668	5.07	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	73795	5.03	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	71511	5.05	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	5535	4.65	ug/L	90
67) 1,3,5-Trichlorobenzene	13.227	180	59215	4.64	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	47851	4.53	ug/L	99
69) Naphthalene	14.095	128	75764	4.41	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	45134	4.71	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042829.D
 Acq On : 30 Mar 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:11:17 AM

Quant Time: Mar 31 02:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

