

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012722\
 Data File : VW024452.D
 Acq On : 27 Jan 2022 15:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005298

Quant Time: Jan 28 03:13:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	158891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68643	5.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 103.800%	
7) Chloroethane-d5	1.564	69	60926	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.800%	
11) 1,1-Dichloroethene-d2	2.105	63	129831	5.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.800%	
20) 2-Butanone-d5	3.899	46	87208	41.407	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 82.820%	
24) Chloroform-d	4.342	84	138447	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.400%	
26) 1,2-Dichloroethane-d4	5.024	65	63369	5.580	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.600%	
32) Benzene-d6	5.043	84	255326	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%	
36) 1,2-Dichloropropane-d6	6.066	67	78255	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 104.800%	
41) Toluene-d8	7.310	98	237880	5.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.200%	
43) trans-1,3-Dichloroprop...	7.619	79	27009	5.264	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.200%	
46) 2-Hexanone-d5	8.088	63	99831	56.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.800%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49345	5.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	83536	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	85949	5.053	ug/L	100
3) Chloromethane	1.236	50	82190	5.317	ug/L	97
5) Vinyl chloride	1.307	62	81806	5.276	ug/L	98
6) Bromomethane	1.519	94	51419	5.296	ug/L	98
8) Chloroethane	1.580	64	49244	5.401	ug/L	95
9) Trichlorofluoromethane	1.751	101	111170	5.064	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57275	4.791	ug/L	95
12) 1,1-Dichloroethene	2.114	96	58755	5.183	ug/L	84
13) Acetone	2.198	43	52497m	47.812	ug/L	
14) Carbon disulfide	2.291	76	183604	5.270	ug/L	100
15) Methyl Acetate	2.439	43	14395	4.854	ug/L	97
16) Methylene chloride	2.503	84	59676	5.144	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	110898	5.436	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	57456	5.282	ug/L	89
19) 1,1-Dichloroethane	3.185	63	112244	5.535	ug/L	97
21) 2-Butanone	3.986	43	67739	34.142	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	57172	5.233	ug/L	90
23) Bromochloromethane	4.240	128	26239	5.353	ug/L	90
25) Chloroform	4.368	83	116720	5.068	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	59799	5.448	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	100212	5.437	ug/L	98
30) Cyclohexane	4.670	56	85006	4.886	ug/L	91
31) Carbon tetrachloride	4.821	117	87759	5.292	ug/L	98
33) Benzene	5.092	78	229589	5.399	ug/L	100
34) Trichloroethene	5.908	95	60915	5.067	ug/L	94
35) Methylcyclohexane	6.124	83	82187	4.635	ug/L	95
37) 1,2-Dichloropropane	6.169	63	55842	5.345	ug/L	99
38) Bromodichloromethane	6.506	83	76290	5.393	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	74977	5.326	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	274748	56.415	ug/L	95
42) Toluene	7.384	91	247264	5.489	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	65154	5.556	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	38642	5.470	ug/L	98
47) Tetrachloroethene	7.972	164	48241	5.094	ug/L	95
48) 2-Hexanone	8.136	43	207554	57.964	ug/L	99
49) Dibromochloromethane	8.243	129	50289	5.720	ug/L	99
50) 1,2-Dibromoethane	8.349	107	37371	5.643	ug/L	100
51) Chlorobenzene	8.879	112	150802	5.185	ug/L	94
52) Ethylbenzene	9.008	91	240999	5.089	ug/L	97
53) m,p-xylene	9.136	106	93832	5.279	ug/L	97
54) o-xylene	9.542	106	87669	5.234	ug/L	91
55) Styrene	9.558	104	153147	5.468	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	37764	5.459	ug/L	100
59) Bromoform	9.728	173	26741	5.707	ug/L #	99
60) Isopropylbenzene	9.931	105	233914	5.155	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31648	5.481	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	187929	5.143	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	195418	5.212	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	122655	5.347	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	120324	5.152	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	110111	5.229	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5818	5.181	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	93636	5.008	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	70303	4.937	ug/L	98
71) Naphthalene	13.503	128	92542	5.153	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	63444	5.222	ug/L	99

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

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