

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029342.D
 Acq On : 25 Nov 2022 09:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 25 21:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	287080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	251482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	135072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91548	5.182	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.564	69	67652	5.231	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.105	63	141070	4.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.800%		
20) 2-Butanone-d5	3.889	46	122675	41.508	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 83.020%		
24) Chloroform-d	4.336	84	158141	5.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
26) 1,2-Dichloroethane-d4	5.021	65	70684	5.095	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.800%		
32) Benzene-d6	5.040	84	340331	4.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.000%		
36) 1,2-Dichloropropane-d6	6.059	67	96409	4.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.800%		
41) Toluene-d8	7.307	98	323858	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.800%		
43) trans-1,3-Dichloroprop...	7.612	79	39117	5.195	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.000%		
46) 2-Hexanone-d5	8.082	63	129997	48.434	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.860%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63516	5.271	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.400%		
66) 1,2-Dichlorobenzene-d4	11.612	152	116415	4.934	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.600%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.127	85	112974	5.274	ug/L	99
3) Chloromethane	1.240	50	104476	5.323	ug/L	100
5) Vinyl chloride	1.310	62	104971	5.368	ug/L	99
6) Bromomethane	1.519	94	56920	4.664	ug/L	100
8) Chloroethane	1.584	64	60670	5.220	ug/L	99
9) Trichlorofluoromethane	1.751	101	137523	5.024	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78164	5.121	ug/L	99
12) 1,1-Dichloroethene	2.114	96	75443	5.111	ug/L	98
13) Acetone	2.191	43	87632m	40.780	ug/L	
14) Carbon disulfide	2.291	76	215987	5.036	ug/L	100
15) Methyl Acetate	2.436	43	27349m	4.428	ug/L	
16) Methylene chloride	2.500	84	89542	3.970	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	185926	4.926	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	87461	5.163	ug/L	99
19) 1,1-Dichloroethane	3.182	63	158830	5.209	ug/L	98
21) 2-Butanone	3.976	43	147014	43.701	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	96720	4.991	ug/L	97
23) Bromochloromethane	4.240	128	40852	5.263	ug/L	98
25) Chloroform	4.362	83	161781	5.082	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	84633	4.906	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	145243	5.021	ug/L	99
30) Cyclohexane	4.667	56	144371	5.050	ug/L	98
31) Carbon tetrachloride	4.818	117	123130	5.034	ug/L	99
33) Benzene	5.088	78	372962	4.959	ug/L	100
34) Trichloroethene	5.905	95	95677	4.986	ug/L	97
35) Methylcyclohexane	6.121	83	163239	5.040	ug/L	98
37) 1,2-Dichloropropane	6.162	63	88260	4.981	ug/L	99
38) Bromodichloromethane	6.500	83	107501	5.068	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	130890	5.054	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	396545	47.828	ug/L	100
42) Toluene	7.378	91	397173	4.920	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	102545	4.998	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	60007	5.002	ug/L	98
47) Tetrachloroethene	7.966	164	77836	4.949	ug/L	96
48) 2-Hexanone	8.133	43	259921	44.970	ug/L	98
49) Dibromochloromethane	8.236	129	69724	5.167	ug/L	99
50) 1,2-Dibromoethane	8.342	107	52353	5.002	ug/L	94
51) Chlorobenzene	8.873	112	254541	5.045	ug/L	98
52) Ethylbenzene	9.001	91	431366	5.125	ug/L	100
53) m,p-Xylene	9.127	106	169578	5.108	ug/L	95
54) o-Xylene	9.532	106	164204	5.035	ug/L	97
55) Styrene	9.551	104	285103	5.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	65434	5.272	ug/L	97
59) Bromoform	9.722	173	36158	5.095	ug/L	99
60) Isopropylbenzene	9.921	105	446414	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	47631	5.084	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	380678	5.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	384110	5.050	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	209528	5.143	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	205493	5.098	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	192774	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9356	5.085	ug/L	95
69) 1,3,5-Trichlorobenzene	12.632	180	169927	5.062	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	135843	4.994	ug/L	99
71) Naphthalene	13.493	128	96207	4.086	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111895	5.053	ug/L	99

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

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