

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026018.D
 Acq On : 08 Jun 2022 13:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005298

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

06/09/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 09 05:04:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 04:54:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	263355	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	244429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126025	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.317	65	75866	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.574	69	76261	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.117	63	165261	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.918	46	152247	66.586	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.180%#
24) Chloroform-d	4.358	84	157003	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.040	65	65042	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.056	84	295278	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.075	67	92537	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.316	98	264927	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.625	79	27334	5.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.091	63	126971	53.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60737	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	91186	4.729	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.143	85	120792	4.660	ug/L	99
3) Chloromethane	1.252	50	129814	4.473	ug/L	98
5) Vinyl chloride	1.320	62	147113	4.854	ug/L	100
6) Bromomethane	1.529	94	81419	4.635	ug/L	97
8) Chloroethane	1.593	64	86582	4.645	ug/L	97
9) Trichlorofluoromethane	1.760	101	182176	4.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	100623	4.571	ug/L	99
12) 1,1-Dichloroethene	2.124	96	98617	4.655	ug/L	96
13) Acetone	2.207	43	100038m	54.859	ug/L	
14) Carbon disulfide	2.301	76	276483	4.574	ug/L	100
15) Methyl Acetate	2.455	43	25743	4.319	ug/L #	79
16) Methylene chloride	2.516	84	97178	4.604	ug/L	100
17) Methyl tert-butyl Ether	2.786	73	166690	4.847	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	91524	4.581	ug/L	100
19) 1,1-Dichloroethane	3.198	63	168545	4.638	ug/L	99
21) 2-Butanone	4.002	43	150304	63.277	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	93059	4.726	ug/L	93
23) Bromochloromethane	4.259	128	38526	4.654	ug/L	98
25) Chloroform	4.384	83	171679	4.602	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	87658	4.753	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	149353	4.656	ug/L	99
30) Cyclohexane	4.683	56	137487	4.928	ug/L	99
31) Carbon tetrachloride	4.834	117	125660	4.771	ug/L	96
33) Benzene	5.104	78	378429	4.927	ug/L	100
34) Trichloroethene	5.918	95	95853	4.776	ug/L	99
35) Methylcyclohexane	6.133	83	151414	4.894	ug/L	99
37) 1,2-Dichloropropane	6.178	63	90373	4.854	ug/L	99
38) Bromodichloromethane	6.513	83	108082	4.806	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	112970	4.925	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	386798	50.863	ug/L	98
42) Toluene	7.390	91	403295	5.025	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	90853	5.055	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	57654	4.769	ug/L	99
47) Tetrachloroethene	7.976	164	72475	4.666	ug/L	98
48) 2-Hexanone	8.143	43	274792	50.906	ug/L	100
49) Dibromochloromethane	8.246	129	62231	4.716	ug/L	96
50) 1,2-Dibromoethane	8.355	107	50809	4.724	ug/L	93
51) Chlorobenzene	8.882	112	249289	4.772	ug/L	99
52) Ethylbenzene	9.011	91	418601	4.976	ug/L	99
53) m,p-Xylene	9.140	106	160414	4.933	ug/L	100
54) o-Xylene	9.545	106	154828	5.009	ug/L	99
55) Styrene	9.561	104	267131	5.159	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	60588	4.681	ug/L	98
59) Bromoform	9.731	173	28634	4.843	ug/L	98
60) Isopropylbenzene	9.931	105	411811	4.917	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	45721	4.648	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	326287	4.919	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	332075	5.028	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	191747	4.819	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	188978	4.664	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	164611	4.678	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7595	4.345	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	133476	4.632	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	98539	4.588	ug/L	97
71) Naphthalene	13.503	128	147893	4.846	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	88235	4.853	ug/L	99

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

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