

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025197.D
 Acq On : 26 Mar 2022 14:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 28 01:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:28:32 2022
 Response via : Initial Calibration

03/28/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	164518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	153913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76444	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	77146	5.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.568	69	64153	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.108	63	167569	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	3.915	46	68148	44.519	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	4.349	84	99522	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.037	65	43857	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.050	84	197191	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.069	67	53955	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	189496	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.625	79	18319	5.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.091	63	69877	54.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37068	5.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	61626	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	82331	5.010	ug/L	99
3) Chloromethane	1.240	50	98423	5.078	ug/L	98
5) Vinyl chloride	1.310	62	111665	5.158	ug/L	99
6) Bromomethane	1.523	94	65956	5.133	ug/L	99
8) Chloroethane	1.584	64	70156	5.164	ug/L	96
9) Trichlorofluoromethane	1.754	101	150459	5.141	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	87117	5.012	ug/L	99
12) 1,1-Dichloroethene	2.117	96	84782	5.118	ug/L	90
13) Acetone	2.214	43	55076m	47.151	ug/L	
14) Carbon disulfide	2.294	76	176531	5.145	ug/L	97
15) Methyl Acetate	2.449	43	11437	4.301	ug/L	96
16) Methylene chloride	2.506	84	58254	4.479	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	105751	5.047	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	60807	5.115	ug/L	100
19) 1,1-Dichloroethane	3.191	63	98483	4.962	ug/L	99
21) 2-Butanone	4.005	43	84201m	52.387	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	59767	4.948	ug/L	96
23) Bromochloromethane	4.252	128	25472	5.056	ug/L	95
25) Chloroform	4.378	83	108487	4.927	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	55810	4.908	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	96393	5.180	ug/L	99
30) Cyclohexane	4.677	56	85680	5.148	ug/L	98
31) Carbon tetrachloride	4.828	117	82644	5.130	ug/L	100
33) Benzene	5.101	78	235247	5.211	ug/L	100
34) Trichloroethene	5.915	95	64261	5.184	ug/L	97
35) Methylcyclohexane	6.130	83	101186	5.209	ug/L	99
37) 1,2-Dichloropropane	6.175	63	52562	5.019	ug/L	99
38) Bromodichloromethane	6.513	83	68298	5.148	ug/L	93
39) cis-1,3-Dichloropropene	7.027	75	70832	5.216	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	227010	54.291	ug/L	99
42) Toluene	7.387	91	255184	5.295	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	57320	5.370	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	38063	5.308	ug/L	99
47) Tetrachloroethene	7.976	164	47903	5.240	ug/L	97
48) 2-Hexanone	8.140	43	162009	54.174	ug/L	99
49) Dibromochloromethane	8.246	129	40466	5.244	ug/L	98
50) 1,2-Dibromoethane	8.352	107	34356	5.143	ug/L #	99
51) Chlorobenzene	8.879	112	163463	5.252	ug/L	99
52) Ethylbenzene	9.011	91	270085	5.283	ug/L	99
53) m,p-Xylene	9.136	106	107833	5.424	ug/L	99
54) o-Xylene	9.542	106	99161	5.218	ug/L	92
55) Styrene	9.558	104	168793	5.401	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38514	5.153	ug/L	97
59) Bromoform	9.731	173	16349	5.232	ug/L	99
60) Isopropylbenzene	9.931	105	272510	5.375	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29283	5.063	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	120584	5.304	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	218961	5.398	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	124942	5.262	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	123198	5.181	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	111264	5.325	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5388	5.203	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	89126	5.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	70034	5.419	ug/L	95
71) Naphthalene	13.500	128	110659	5.494	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60198	5.406	ug/L	99

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

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