

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028686.D
 Acq On : 25 Oct 2022 14:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV276

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 05:09:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	192141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	94607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68453	4.918	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.558	69	58606	4.979	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.101	63	130595	4.850	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.912	46	166749	52.536	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	4.339	84	113794	4.708	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.027	65	59107	4.819	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.043	84	220791	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.063	67	74214	4.563	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	193145	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.619	79	23277	4.606	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	125797	53.477	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53541	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	62671	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	41823	4.955	ug/L	98
3) Chloromethane	1.240	50	70500	4.474	ug/L	97
5) Vinyl chloride	1.307	62	78509	5.014	ug/L	100
6) Bromomethane	1.513	94	35952	4.807	ug/L	97
8) Chloroethane	1.577	64	53766	5.051	ug/L	95
9) Trichlorofluoromethane	1.745	101	100083	4.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	58779	4.741	ug/L	98
12) 1,1-Dichloroethene	2.111	96	52459	4.769	ug/L	80
13) Acetone	2.195	43	107633m	57.133	ug/L	
14) Carbon disulfide	2.285	76	112847	4.443	ug/L	99
15) Methyl Acetate	2.439	43	25374	4.439	ug/L	92
16) Methylene chloride	2.497	84	96469	6.359	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	136450	4.729	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	50152	4.530	ug/L	98
19) 1,1-Dichloroethane	3.182	63	119723	4.481	ug/L	99
21) 2-Butanone	3.995	43	160476	49.563	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	59451	4.479	ug/L #	99
23) Bromochloromethane	4.243	128	23505	4.738	ug/L	91
25) Chloroform	4.365	83	119702	4.605	ug/L	99

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27) 1,2-Dichloroethane	5.127	62	68314	4.448	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	88627	3.835	ug/L	98
30) Cyclohexane	4.667	56	90353	3.773	ug/L	97
31) Carbon tetrachloride	4.818	117	71081	3.829	ug/L	99
33) Benzene	5.092	78	237550	4.137	ug/L	100
34) Trichloroethene	5.908	95	58822	4.135	ug/L	95
35) Methylcyclohexane	6.124	83	88321	4.494	ug/L	97
37) 1,2-Dichloropropane	6.169	63	64870	4.421	ug/L #	97
38) Bromodichloromethane	6.503	83	78443	4.471	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	83748	4.709	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	426898	49.141	ug/L	98
42) Toluene	7.381	91	242587	4.455	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	64897	4.527	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	41029	4.550	ug/L	94
47) Tetrachloroethene	7.969	164	38502	4.409	ug/L	99
48) 2-Hexanone	8.137	43	302110	49.150	ug/L	97
49) Dibromochloromethane	8.239	129	44220	4.681	ug/L	95
50) 1,2-Dibromoethane	8.349	107	34637	4.412	ug/L	99
51) Chlorobenzene	8.876	112	151525	4.419	ug/L	98
52) Ethylbenzene	9.005	91	270297	4.467	ug/L	98
53) m,p-Xylene	9.133	106	99049	4.533	ug/L	97
54) o-Xylene	9.535	106	97105	4.418	ug/L	98
55) Styrene	9.554	104	170592	4.603	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	52155	4.611	ug/L	99
59) Bromoform	9.725	173	20974	4.515	ug/L	95
60) Isopropylbenzene	9.924	105	266723	4.480	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37137	4.572	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	75907	4.371	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	214937	4.469	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	113144	4.412	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	113510	4.437	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	105855	4.515	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	7440	4.449	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	82132	4.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	66321	4.473	ug/L	97
71) Naphthalene	13.493	128	117319	4.618	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	60238	4.585	ug/L	98

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

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