

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026717.D
 Acq On : 12 Jul 2022 10:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

07/13/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 13 02:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 06:00:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	239716	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123176	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	102004	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.561	69	91101	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.101	63	198692	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.902	46	146436	42.903	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.800%
24) Chloroform-d	4.343	84	187126	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.027	65	83244	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.043	84	357011	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.066	67	106518	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.314	98	332194	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.622	79	36528	5.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.088	63	152689	49.818	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81147	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	103719	4.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	137078	4.498	ug/L	99
3) Chloromethane	1.237	50	130075	4.448	ug/L	100
5) Vinyl chloride	1.304	62	135284	4.543	ug/L	100
6) Bromomethane	1.516	94	81436	4.569	ug/L	95
8) Chloroethane	1.577	64	79716	4.544	ug/L	96
9) Trichlorofluoromethane	1.745	101	172215	4.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	99309	4.581	ug/L	98
12) 1,1-Dichloroethene	2.111	96	93263	4.437	ug/L	95
13) Acetone	2.192	43	101482m	35.338	ug/L	
14) Carbon disulfide	2.285	76	277812	4.486	ug/L	99
15) Methyl Acetate	2.439	43	23813	4.100	ug/L	96
16) Methylene chloride	2.500	84	143114	5.716	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	160873	4.443	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	86829	4.495	ug/L	95
19) 1,1-Dichloroethane	3.182	63	160773	4.558	ug/L	99
21) 2-Butanone	3.986	43	136061	40.626	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	85010	4.363	ug/L	96
23) Bromochloromethane	4.246	128	39817	4.436	ug/L	95
25) Chloroform	4.368	83	166485	4.506	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	91293	4.586	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	143455	4.483	ug/L	99
30) Cyclohexane	4.671	56	120989	4.437	ug/L	99
31) Carbon tetrachloride	4.822	117	128178	4.535	ug/L	99
33) Benzene	5.092	78	356931	4.496	ug/L	100
34) Trichloroethene	5.908	95	85878	4.401	ug/L	96
35) Methylcyclohexane	6.127	83	132546	4.450	ug/L	98
37) 1,2-Dichloropropane	6.169	63	87702	4.619	ug/L	98
38) Bromodichloromethane	6.506	83	110723	4.473	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	106517	4.514	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	396630	45.227	ug/L	96
42) Toluene	7.384	91	375670	4.685	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	91936	4.745	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	60535	4.362	ug/L	95
47) Tetrachloroethene	7.973	164	68773	4.494	ug/L	97
48) 2-Hexanone	8.140	43	294398	46.382	ug/L	99
49) Dibromochloromethane	8.243	129	71928	4.497	ug/L	100
50) 1,2-Dibromoethane	8.349	107	54948	4.475	ug/L	97
51) Chlorobenzene	8.879	112	228721	4.511	ug/L	98
52) Ethylbenzene	9.011	91	346391	4.365	ug/L	98
53) m,p-Xylene	9.137	106	136971	4.439	ug/L	98
54) o-Xylene	9.542	106	128038	4.366	ug/L	99
55) Styrene	9.558	104	233795	4.549	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	73254	4.459	ug/L	99
59) Bromoform	9.728	173	34414	4.354	ug/L	100
60) Isopropylbenzene	9.928	105	341669	4.447	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	50684	4.462	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	259861	4.251	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	263863	4.251	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	170040	4.517	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	171327	4.476	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	158171	4.500	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	10670	4.431	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	113623	4.271	ug/L	95
70) 1,2,4-trichlorobenzene	13.259	180	85296	4.215	ug/L	99
71) Naphthalene	13.500	128	136224	4.064	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	79550	4.225	ug/L	99

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

