

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024307.D
 Acq On : 07 Jan 2022 16:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 08 00:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	117481	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38901	4.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.568	69	32785	4.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.111	63	83286	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.915	46	63262m	51.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	4.342	84	85816	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.027	65	40084	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	151872	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.063	67	41147	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.310	98	153106	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.619	79	18644	4.866	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.088	63	64285	53.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31532	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	61128	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77728	5.268	ug/L	100
3) Chloromethane	1.243	50	50963	5.166	ug/L	97
5) Vinyl chloride	1.310	62	56676	5.213	ug/L	100
6) Bromomethane	1.523	94	36889	5.123	ug/L	99
8) Chloroethane	1.587	64	36433	5.327	ug/L	99
9) Trichlorofluoromethane	1.754	101	112059	5.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	58179	5.359	ug/L	98
12) 1,1-Dichloroethene	2.121	96	49056	5.286	ug/L	95
13) Acetone	2.204	43	54126	45.382	ug/L	97
14) Carbon disulfide	2.294	76	108958	4.995	ug/L	100
15) Methyl Acetate	2.442	43	13941	5.569	ug/L	94
16) Methylene chloride	2.507	84	72816	5.122	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	117207	5.260	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	50603	5.121	ug/L	100
19) 1,1-Dichloroethane	3.185	63	94192	5.373	ug/L	99
21) 2-Butanone	3.992	43	73007	45.142	ug/L #	71
22) cis-1,2-Dichloroethene	3.908	96	57032	5.259	ug/L	91
23) Bromochloromethane	4.246	128	27229	5.648	ug/L	90
25) Chloroform	4.368	83	110754	5.281	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	61011	5.250	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	107461	5.466	ug/L	100
30) Cyclohexane	4.674	56	67066	5.410	ug/L	93
31) Carbon tetrachloride	4.825	117	97515	5.438	ug/L	99
33) Benzene	5.095	78	211551	5.587	ug/L	100
34) Trichloroethene	5.912	95	58856	5.554	ug/L	97
35) Methylcyclohexane	6.127	83	82204	5.561	ug/L	97
37) 1,2-Dichloropropane	6.169	63	48575	5.528	ug/L	99
38) Bromodichloromethane	6.503	83	76412	5.515	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	77582	5.794	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	269488	59.923	ug/L	96
42) Toluene	7.384	91	250378	5.743	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	69480	5.765	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	40696	5.693	ug/L	99
47) Tetrachloroethene	7.973	164	54516	5.514	ug/L	98
48) 2-Hexanone	8.136	43	201885	60.846	ug/L	96
49) Dibromochloromethane	8.243	129	56291	5.723	ug/L	99
50) 1,2-Dibromoethane	8.349	107	37258	5.748	ug/L	96
51) Chlorobenzene	8.876	112	166267	5.523	ug/L	99
52) Ethylbenzene	9.008	91	274193	5.730	ug/L	98
53) m,p-xylene	9.136	106	110225	5.752	ug/L	99
54) o-xylene	9.542	106	109687	5.855	ug/L	96
55) Styrene	9.558	104	186452	5.889	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41311	5.689	ug/L	97
59) Bromoform	9.728	173	31494	5.259	ug/L	99
60) Isopropylbenzene	9.927	105	297283	5.614	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	32249	5.552	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	253543	5.582	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	262772	5.680	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	153744	5.469	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	152629	5.439	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	139636	5.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6953	5.463	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	126571	5.439	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	97634	5.340	ug/L	98
71) Naphthalene	13.500	128	135297	5.300	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	85776	5.443	ug/L	100

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

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