

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026785.D
 Acq On : 15 Jul 2022 10:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 00:27:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	240303	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	239915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126232	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	97239	4.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.558	69	86455	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.098	63	189656	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.915	46	182358	53.297	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	4.339	84	190412	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.027	65	83545	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.043	84	339813	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.066	67	105866	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.310	98	309677	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.622	79	34247	4.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	138949	44.877	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	82067	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	101391	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	153311	5.018	ug/L	99
3) Chloromethane	1.236	50	135937	4.637	ug/L	99
5) Vinyl chloride	1.304	62	147124	4.929	ug/L	98
6) Bromomethane	1.513	94	75869	4.246	ug/L	97
8) Chloroethane	1.577	64	101088	5.748	ug/L	95
9) Trichlorofluoromethane	1.741	101	197071	5.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	111616	5.136	ug/L	98
12) 1,1-Dichloroethene	2.108	96	102524	4.866	ug/L	95
13) Acetone	2.195	43	138321m	48.049	ug/L	
14) Carbon disulfide	2.281	76	315062	5.075	ug/L	99
15) Methyl Acetate	2.439	43	32340	5.555	ug/L	92
16) Methylene chloride	2.497	84	124562	4.963	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	202101	5.567	ug/L	99
18) trans-1,2-Dichloroethene	2.744	96	108344	5.595	ug/L	95
19) 1,1-Dichloroethane	3.178	63	197088	5.573	ug/L	100
21) 2-Butanone	3.995	43	193317	57.581	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	99787	5.109	ug/L	99
23) Bromochloromethane	4.240	128	49503	5.502	ug/L	94
25) Chloroform	4.368	83	200403	5.411	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	110203	5.522	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	171519	5.305	ug/L	99
30) Cyclohexane	4.664	56	136137	4.942	ug/L	98
31) Carbon tetrachloride	4.815	117	149248	5.227	ug/L	97
33) Benzene	5.092	78	424889	5.297	ug/L	100
34) Trichloroethene	5.908	95	103720	5.261	ug/L	99
35) Methylcyclohexane	6.124	83	151532	5.036	ug/L	97
37) 1,2-Dichloropropane	6.169	63	109034	5.685	ug/L	99
38) Bromodichloromethane	6.506	83	133193	5.327	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	120114	5.039	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	468078	52.834	ug/L	97
42) Toluene	7.384	91	444976	5.493	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	106271	5.430	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	74233	5.295	ug/L	97
47) Tetrachloroethene	7.973	164	80688	5.219	ug/L	98
48) 2-Hexanone	8.143	43	349618	54.525	ug/L	98
49) Dibromochloromethane	8.243	129	83184	5.148	ug/L	99
50) 1,2-Dibromoethane	8.349	107	67040	5.404	ug/L	96
51) Chlorobenzene	8.879	112	269523	5.262	ug/L	98
52) Ethylbenzene	9.011	91	408231	5.092	ug/L	100
53) m,p-Xylene	9.136	106	165563	5.311	ug/L	98
54) o-Xylene	9.542	106	153492	5.181	ug/L	98
55) Styrene	9.558	104	282521	5.442	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	85940	5.178	ug/L	96
59) Bromoform	9.728	173	40065	4.947	ug/L	95
60) Isopropylbenzene	9.931	105	409417	5.200	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	59137	5.080	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	303351	4.843	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	314841	4.950	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	205180	5.319	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	203091	5.178	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	182830	5.075	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11054	4.479	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	126096	4.625	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	92979	4.484	ug/L	97
71) Naphthalene	13.500	128	153073	4.456	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	92672	4.803	ug/L	99

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

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