

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024302.D
 Acq On : 07 Jan 2022 10:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 00:04:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 04 18:34:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36108	3.822	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.400%	
7) Chloroethane-d5	1.567	69	30483	4.105	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.111	63	80481	4.344	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	3.908	46	54198m	44.137	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.280%	
24) Chloroform-d	4.349	84	79795	4.509	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.030	65	36502	4.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.050	84	140060	4.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.066	67	35837	4.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.313	98	139247	4.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.622	79	16915	4.423	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.091	63	56630	47.386	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26939	4.434	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54504	4.505	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	76317	5.224	ug/L	100
3) Chloromethane	1.243	50	49819	5.101	ug/L	97
5) Vinyl chloride	1.310	62	56271	5.228	ug/L	98
6) Bromomethane	1.523	94	37384	5.244	ug/L	97
8) Chloroethane	1.587	64	36424	5.380	ug/L	94
9) Trichlorofluoromethane	1.754	101	114798	5.384	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	58562	5.448	ug/L	97
12) 1,1-Dichloroethene	2.121	96	50314	5.477	ug/L	93
13) Acetone	2.198	43	61851m	52.381	ug/L	
14) Carbon disulfide	2.294	76	109766	5.083	ug/L	100
15) Methyl Acetate	2.445	43	15995	6.454	ug/L	90
16) Methylene chloride	2.506	84	51703	3.673	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	118380	5.366	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	52078	5.324	ug/L	99
19) 1,1-Dichloroethane	3.188	63	94173	5.426	ug/L	99
21) 2-Butanone	3.995	43	74881	46.767	ug/L	92
22) cis-1,2-Dichloroethene	3.911	96	58161	5.417	ug/L	96
23) Bromochloromethane	4.246	128	27006	5.658	ug/L	91
25) Chloroform	4.374	83	110793	5.336	ug/L	98

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27) 1,2-Dichloroethane	5.130	62	60261	5.238	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	108642	5.536	ug/L	98
30) Cyclohexane	4.677	56	69110	5.585	ug/L	95
31) Carbon tetrachloride	4.825	117	98386	5.497	ug/L	99
33) Benzene	5.098	78	210554	5.571	ug/L	100
34) Trichloroethene	5.911	95	58877	5.566	ug/L	97
35) Methylcyclohexane	6.130	83	82523	5.592	ug/L	96
37) 1,2-Dichloropropane	6.169	63	48417	5.520	ug/L	98
38) Bromodichloromethane	6.506	83	77213	5.582	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	76549	5.727	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	266432	59.350	ug/L	97
42) Toluene	7.384	91	249044	5.723	ug/L	96
44) trans-1,3-Dichloropropene	7.648	75	70416	5.853	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	40352	5.655	ug/L	98
47) Tetrachloroethene	7.972	164	55251	5.599	ug/L	97
48) 2-Hexanone	8.140	43	190561	57.536	ug/L	96
49) Dibromochloromethane	8.246	129	55855	5.689	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36847	5.695	ug/L	95
51) Chlorobenzene	8.879	112	169608	5.644	ug/L	98
52) Ethylbenzene	9.011	91	274337	5.743	ug/L	99
53) m,p-xylene	9.136	106	111256	5.817	ug/L	98
54) o-xylene	9.541	106	107230	5.734	ug/L	98
55) Styrene	9.558	104	189074	5.983	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41158	5.679	ug/L	97
59) Bromoform	9.728	173	31198	5.370	ug/L	97
60) Isopropylbenzene	9.931	105	298587	5.812	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31651	5.618	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	253815	5.761	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	261418	5.826	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	154720	5.674	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	151604	5.569	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	138450	5.610	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6778	5.490	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	122848	5.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	94738	5.342	ug/L	96
71) Naphthalene	13.503	128	132013	5.331	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	86092	5.632	ug/L	98

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

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