

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023522.D
 Acq On : 16 Nov 2021 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Nov 17 00:43:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39443	5.061	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.200%		
7) Chloroethane-d5	1.568	69	32803	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.200%		
11) 1,1-Dichloroethene-d2	2.108	63	75177	5.153	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.000%		
20) 2-Butanone-d5	3.912	46	62747m	46.732	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 93.460%		
24) Chloroform-d	4.349	84	79795	4.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.000%		
26) 1,2-Dichloroethane-d4	5.034	65	36601	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
32) Benzene-d6	5.050	84	154095	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.400%		
36) 1,2-Dichloropropane-d6	6.066	67	44087	4.729	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.600%		
41) Toluene-d8	7.313	98	150780	5.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
43) trans-1,3-Dichloroprop...	7.622	79	17401	4.923	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.400%		
46) 2-Hexanone-d5	8.092	63	60535	46.544	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.080%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32467	4.843	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	56076	4.969	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	53335	4.397	ug/L	97
3) Chloromethane	1.240	50	48216	4.675	ug/L	93
5) Vinyl chloride	1.310	62	49100	4.767	ug/L	100
6) Bromomethane	1.523	94	25497	3.872	ug/L	97
8) Chloroethane	1.584	64	29451	4.954	ug/L	97
9) Trichlorofluoromethane	1.754	101	75766	4.895	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	39571	5.079	ug/L	96
12) 1,1-Dichloroethene	2.118	96	35926	4.843	ug/L	97
13) Acetone	2.191	43	40354m	49.186	ug/L	
14) Carbon disulfide	2.294	76	118806	4.244	ug/L	100
15) Methyl Acetate	2.436	43	10723	4.618	ug/L	100
16) Methylene chloride	2.507	84	41641	3.846	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	79742	4.883	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	41623	4.564	ug/L	96
19) 1,1-Dichloroethane	3.188	63	73145	4.750	ug/L	98
21) 2-Butanone	3.989	43	64309m	48.482	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	41992	4.784	ug/L #	89
23) Bromochloromethane	4.249	128	19291	4.766	ug/L	83
25) Chloroform	4.375	83	78520	4.784	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43396	4.971	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	71794	4.789	ug/L	99
30) Cyclohexane	4.674	56	60859	4.531	ug/L	98
31) Carbon tetrachloride	4.825	117	65262	4.847	ug/L	96
33) Benzene	5.098	78	163690	4.745	ug/L	100
34) Trichloroethene	5.915	95	44664	4.868	ug/L	96
35) Methylcyclohexane	6.130	83	66384	4.584	ug/L	96
37) 1,2-Dichloropropane	6.172	63	38834	4.822	ug/L	99
38) Bromodichloromethane	6.510	83	52406	4.856	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	55397	4.782	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	204464	54.739	ug/L	98
42) Toluene	7.387	91	186620	5.058	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47101	4.900	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	29001	5.012	ug/L	97
47) Tetrachloroethene	7.976	164	39234	4.935	ug/L	97
48) 2-Hexanone	8.140	43	150551	57.520	ug/L	99
49) Dibromochloromethane	8.246	129	37208	5.075	ug/L	93
50) 1,2-Dibromoethane	8.352	107	26696	4.978	ug/L	97
51) Chlorobenzene	8.879	112	116266	4.740	ug/L	99
52) Ethylbenzene	9.011	91	191141	4.911	ug/L	97
53) m,p-xylene	9.136	106	75190	4.923	ug/L	95
54) o-xylene	9.542	106	71597	4.997	ug/L	97
55) Styrene	9.561	104	127965	5.213	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	30743	4.849	ug/L	96
59) Bromoform	9.731	173	19970	4.933	ug/L	99
60) Isopropylbenzene	9.931	105	193421	4.973	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	23014	5.111	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	159109	4.933	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	161570	5.033	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	99812	5.022	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	99231	4.889	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	90725	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4423	4.611	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	73570	4.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	56940	4.570	ug/L	99
71) Naphthalene	13.503	128	76534	4.165	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	51111	4.688	ug/L	98

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

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