

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111921\
 Data File : VW023632.D
 Acq On : 19 Nov 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2021
 Supervised By : Mahesh Dadoda 11/22/2021

Quant Time: Nov 22 01:36:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	118117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35888	4.850	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.564	69	29117	4.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.105	63	67577	4.878	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	3.896	46	62980m	49.403	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.800%	
24) Chloroform-d	4.343	84	67658	4.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.027	65	32643	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.047	84	130602	4.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.066	67	36995	4.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.400%	
41) Toluene-d8	7.313	98	124008	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.622	79	14375	4.320	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.088	63	55016	44.941	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.880%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27954	4.430	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46370	4.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	48683	4.227	ug/L	100
3) Chloromethane	1.237	50	41209	4.208	ug/L	98
5) Vinyl chloride	1.307	62	43703	4.469	ug/L	99
6) Bromomethane	1.516	94	32747	5.238	ug/L	99
8) Chloroethane	1.581	64	27606	4.891	ug/L	100
9) Trichlorofluoromethane	1.748	101	72585	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38203	5.164	ug/L	97
12) 1,1-Dichloroethene	2.114	96	33892	4.812	ug/L	91
13) Acetone	2.185	43	41712m	53.549	ug/L	
14) Carbon disulfide	2.288	76	106264	3.998	ug/L	100
15) Methyl Acetate	2.436	43	11227	5.093	ug/L #	86
16) Methylene chloride	2.500	84	42573	4.142	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	72733	4.691	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	38589	4.457	ug/L	96
19) 1,1-Dichloroethane	3.185	63	66842	4.572	ug/L	98
21) 2-Butanone	3.986	43	63244m	50.219	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	39675	4.761	ug/L #	90
23) Bromochloromethane	4.243	128	18329	4.770	ug/L #	77
25) Chloroform	4.368	83	77090	4.947	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	41720	5.033	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	68132	4.829	ug/L	100
30) Cyclohexane	4.670	56	53498	4.231	ug/L	96
31) Carbon tetrachloride	4.822	117	62528	4.934	ug/L	98
33) Benzene	5.095	78	151934	4.679	ug/L	100
34) Trichloroethene	5.912	95	40057	4.639	ug/L	98
35) Methylcyclohexane	6.127	83	59528	4.368	ug/L	96
37) 1,2-Dichloropropane	6.169	63	35212	4.645	ug/L	99
38) Bromodichloromethane	6.506	83	48350	4.759	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	51851	4.756	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	181751	51.695	ug/L	97
42) Toluene	7.384	91	172807	4.976	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	44493	4.918	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	27550	5.058	ug/L	94
47) Tetrachloroethene	7.973	164	35929	4.801	ug/L	97
48) 2-Hexanone	8.140	43	135193	54.876	ug/L	98
49) Dibromochloromethane	8.243	129	35483	5.141	ug/L	99
50) 1,2-Dibromoethane	8.349	107	24219	4.798	ug/L	97
51) Chlorobenzene	8.879	112	110501	4.787	ug/L	99
52) Ethylbenzene	9.011	91	176809	4.827	ug/L	99
53) m,p-xylene	9.137	106	69061	4.804	ug/L	95
54) o-xylene	9.542	106	67483	5.004	ug/L	95
55) Styrene	9.558	104	116199	5.029	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	28356	4.752	ug/L #	97
59) Bromoform	9.731	173	19550	5.057	ug/L #	99
60) Isopropylbenzene	9.931	105	178898	4.817	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	20319	4.726	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	148752	4.830	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	150544	4.912	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	91968	4.846	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	91334	4.713	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	83831	4.937	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4287	4.680	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	71138	4.788	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	53053	4.459	ug/L	99
71) Naphthalene	13.503	128	67868	3.868	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47886	4.600	ug/L	99

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

