

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027612.D
 Acq On : 31 Aug 2022 10:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 02:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	132300	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43396	4.609	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.564	69	38623	5.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.000%	
11) 1,1-Dichloroethene-d2	2.105	63	91343	4.160	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.889	46	70709	60.342	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.680%	
24) Chloroform-d	4.342	84	97078	5.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.027	65	44567	5.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	5.043	84	170346	4.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.063	67	53524	5.155	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.313	98	153319	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.622	79	16176	4.550	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.088	63	71216	60.854	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.700%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37049	5.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46233	4.938	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	59044	4.206	ug/L	99
3) Chloromethane	1.236	50	62754	5.119	ug/L	99
5) Vinyl chloride	1.307	62	62102	5.032	ug/L	100
6) Bromomethane	1.519	94	26757	4.385	ug/L	98
8) Chloroethane	1.581	64	39964	5.541	ug/L	99
9) Trichlorofluoromethane	1.748	101	89432	4.561	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	48209	4.356	ug/L	93
12) 1,1-Dichloroethene	2.114	96	44994	4.495	ug/L	99
13) Acetone	2.172	43	48212	43.082	ug/L	97
14) Carbon disulfide	2.288	76	113570	4.134	ug/L	100
15) Methyl Acetate	2.433	43	15301m	4.937	ug/L	
16) Methylene chloride	2.500	84	80351	5.324	ug/L	99
17) Methyl tert-butyl Ether	2.761	73	111854	5.401	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	51061	4.951	ug/L	96
19) 1,1-Dichloroethane	3.182	63	116803	5.471	ug/L	99
21) 2-Butanone	3.970	43	82795	55.594	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	54443	4.954	ug/L	99
23) Bromochloromethane	4.240	128	26175	5.401	ug/L	89
25) Chloroform	4.365	83	124518	5.364	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	65194	5.527	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	100962	5.101	ug/L	99
30) Cyclohexane	4.670	56	60732	3.998	ug/L	96
31) Carbon tetrachloride	4.822	117	81987	4.764	ug/L	98
33) Benzene	5.092	78	226215	5.277	ug/L	100
34) Trichloroethene	5.908	95	53764	4.766	ug/L	99
35) Methylcyclohexane	6.127	83	61095	3.850	ug/L	96
37) 1,2-Dichloropropane	6.169	63	62884	5.502	ug/L #	92
38) Bromodichloromethane	6.503	83	79641	5.496	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	63856	4.634	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	301433	59.030	ug/L	99
42) Toluene	7.384	91	237459	5.366	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	54515	4.679	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	42415	5.805	ug/L	96
47) Tetrachloroethene	7.973	164	38854	4.421	ug/L	97
48) 2-Hexanone	8.137	43	222221	60.393	ug/L	98
49) Dibromochloromethane	8.243	129	50296	5.597	ug/L	94
50) 1,2-Dibromoethane	8.349	107	36101	5.661	ug/L	95
51) Chlorobenzene	8.879	112	144295	5.039	ug/L	99
52) Ethylbenzene	9.011	91	218192	4.831	ug/L	99
53) m,p-Xylene	9.136	106	83983	4.859	ug/L	96
54) o-Xylene	9.542	106	81677	4.872	ug/L	98
55) Styrene	9.558	104	148426	5.204	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47058	5.718	ug/L	96
59) Bromoform	9.728	173	23669	5.592	ug/L	99
60) Isopropylbenzene	9.927	105	215892	5.195	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	33610	6.066	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	54705	4.747	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	159474	4.912	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	108511	5.300	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	107983	5.290	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	101831	5.486	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	6465	5.252	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	74712	4.889	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	53976	4.860	ug/L	99
71) Naphthalene	13.500	128	73212	4.775	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	49847	5.053	ug/L	100

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

