

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022742.D
 Acq On : 11 Oct 2021 20:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Manual Integrations
 APPROVED

Quant Time: Oct 12 03:44:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	113136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62707	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	32757	4.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.564	69	30842	4.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.105	63	66937	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.915	46	73662	36.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.180%
24) Chloroform-d	4.349	84	76630	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.034	65	35976	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	145193	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.072	67	44742	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	136921	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	15737	4.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.098	63	73769	54.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34031	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53963	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	41995	5.093	ug/L	99
3) Chloromethane	1.240	50	43869	5.294	ug/L	99
5) Vinyl chloride	1.310	62	44563	5.205	ug/L	98
6) Bromomethane	1.519	94	28439	5.328	ug/L	96
8) Chloroethane	1.584	64	27411	5.174	ug/L	98
9) Trichlorofluoromethane	1.748	101	66293	5.286	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38205	5.237	ug/L	99
12) 1,1-Dichloroethene	2.114	96	35435	5.185	ug/L	81
13) Acetone	2.185	43	45638m	40.101	ug/L	
14) Carbon disulfide	2.288	76	97235	5.063	ug/L	99
15) Methyl Acetate	2.439	43	16004	4.915	ug/L #	88
16) Methylene chloride	2.500	84	57272	6.088	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	85509	5.171	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	37778	5.083	ug/L	97
19) 1,1-Dichloroethane	3.182	63	70739	5.285	ug/L	99
21) 2-Butanone	4.005	43	57654	30.939	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	40808	5.229	ug/L	94
23) Bromochloromethane	4.246	128	19597	5.653	ug/L	94
25) Chloroform	4.375	83	76083	4.903	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	39871	5.148	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	64158	4.933	ug/L	99
30) Cyclohexane	4.667	56	54667	4.555	ug/L	99
31) Carbon tetrachloride	4.821	117	56154	4.974	ug/L	100
33) Benzene	5.095	78	154349	5.032	ug/L	100
34) Trichloroethene	5.911	95	40763	4.887	ug/L	97
35) Methylcyclohexane	6.127	83	57668	4.935	ug/L	95
37) 1,2-Dichloropropane	6.175	63	36444	4.940	ug/L	98
38) Bromodichloromethane	6.513	83	45733	5.031	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	47678	4.882	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	193952	48.929	ug/L	98
42) Toluene	7.387	91	167146	5.367	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	42119	5.290	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28711	5.245	ug/L	97
47) Tetrachloroethene	7.976	164	34419	5.102	ug/L	97
48) 2-Hexanone	8.146	43	167826	57.905	ug/L	98
49) Dibromochloromethane	8.249	129	33302	5.197	ug/L	92
50) 1,2-Dibromoethane	8.355	107	27466	5.373	ug/L	99
51) Chlorobenzene	8.882	112	106048	5.183	ug/L	95
52) Ethylbenzene	9.014	91	163093	5.159	ug/L	97
53) m,p-xylene	9.140	106	67040	5.403	ug/L	100
54) o-xylene	9.545	106	63548	5.444	ug/L	95
55) Styrene	9.561	104	113069	5.622	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	29776	5.376	ug/L	98
59) Bromoform	9.734	173	17831	5.076	ug/L	99
60) Isopropylbenzene	9.934	105	170168	5.343	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	23994	5.507	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	132906	5.164	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	138116	5.363	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	89881	5.377	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	89054	5.246	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	82942	5.289	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	3807	4.801	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	64516	5.123	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	49685	5.165	ug/L	99
71) Naphthalene	13.503	128	76484	5.002	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	46918	5.172	ug/L	98

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

