

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024053.D
 Acq On : 17 Dec 2021 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005399

Quant Time: Dec 18 01:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	96107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26268	5.084	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.564	69	21654	5.023	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.400%		
11) 1,1-Dichloroethene-d2	2.108	63	56562	5.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.200%		
20) 2-Butanone-d5	3.895	46	37610	37.260	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 74.520%		
24) Chloroform-d	4.346	84	62296	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
26) 1,2-Dichloroethane-d4	5.030	65	28638	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
32) Benzene-d6	5.047	84	110946	5.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.000%		
36) 1,2-Dichloropropane-d6	6.066	67	31633	5.147	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.000%		
41) Toluene-d8	7.313	98	115189	6.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 125.600%		
43) trans-1,3-Dichloroprop...	7.622	79	12779	5.013	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.200%		
46) 2-Hexanone-d5	8.088	63	45717	40.058	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 80.120%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22557	4.425	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 88.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	42918	5.228	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	42677	5.102	ug/L	99
3) Chloromethane	1.240	50	36398	5.093	ug/L	98
5) Vinyl chloride	1.310	62	40504	5.225	ug/L	100
6) Bromomethane	1.519	94	25779	5.233	ug/L	98
8) Chloroethane	1.584	64	25429	5.041	ug/L	91
9) Trichlorofluoromethane	1.751	101	74298	5.516	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	37647	5.306	ug/L	97
12) 1,1-Dichloroethene	2.117	96	34223	5.308	ug/L	94
13) Acetone	2.188	43	39594	49.029	ug/L	74
14) Carbon disulfide	2.291	76	88776	4.747	ug/L	100
15) Methyl Acetate	2.436	43	13373	6.832	ug/L	91
16) Methylene chloride	2.503	84	41989	4.978	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	75035	5.146	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	37286	5.224	ug/L	95
19) 1,1-Dichloroethane	3.188	63	68005	5.309	ug/L	100
21) 2-Butanone	3.976	43	52304	45.330	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	39242	5.194	ug/L	95
23) Bromochloromethane	4.249	128	18903	5.506	ug/L	86
25) Chloroform	4.375	83	76955	5.404	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41117	5.329	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	73699	5.478	ug/L	99
30) Cyclohexane	4.674	56	49943	4.680	ug/L	98
31) Carbon tetrachloride	4.825	117	65014	5.140	ug/L	99
33) Benzene	5.098	78	152317	5.235	ug/L	100
34) Trichloroethene	5.911	95	40691	4.959	ug/L	97
35) Methylcyclohexane	6.127	83	56917	4.713	ug/L	99
37) 1,2-Dichloropropane	6.169	63	35139	5.082	ug/L	99
38) Bromodichloromethane	6.510	83	50253	5.130	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	49840	4.855	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	179637	54.081	ug/L	99
42) Toluene	7.384	91	175740	5.367	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	45174	5.091	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	27440	5.364	ug/L	96
47) Tetrachloroethene	7.972	164	37686	5.217	ug/L	97
48) 2-Hexanone	8.140	43	138268	57.408	ug/L	99
49) Dibromochloromethane	8.246	129	35435	5.091	ug/L	99
50) 1,2-Dibromoethane	8.352	107	24739	5.209	ug/L	95
51) Chlorobenzene	8.879	112	113157	5.171	ug/L	98
52) Ethylbenzene	9.011	91	176141	5.099	ug/L	99
53) m,p-xylene	9.136	106	70792	5.182	ug/L	95
54) o-xylene	9.542	106	68684	5.199	ug/L	97
55) Styrene	9.558	104	120157	5.463	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	28497	5.087	ug/L	99
59) Bromoform	9.731	173	18496	4.689	ug/L	96
60) Isopropylbenzene	9.931	105	186696	5.174	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	21178	5.059	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	150396	5.025	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	152974	5.130	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	97364	5.276	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	96603	5.212	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	87445	5.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4582	5.011	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	75165	4.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56543	4.743	ug/L	98
71) Naphthalene	13.500	128	78036	4.555	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	51006	4.846	ug/L	100

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

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