

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024103.D
 Acq On : 19 Dec 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

Quant Time: Dec 20 01:40:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95349	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	99985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20524	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	18714	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.111	63	49696	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.908	46	42060	41.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.000%
24) Chloroform-d	4.349	84	54852	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	25424	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.050	84	97444	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	27211	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.317	98	97504	5.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	7.622	79	11633	4.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.088	63	40622	36.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	21629	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	38972	4.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	39538	4.764	ug/L	98
3) Chloromethane	1.240	50	33413	4.712	ug/L	96
5) Vinyl chloride	1.310	62	37340	4.855	ug/L	94
6) Bromomethane	1.523	94	23114	4.729	ug/L	97
8) Chloroethane	1.587	64	24824	4.960	ug/L	97
9) Trichlorofluoromethane	1.754	101	72516	5.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36432	5.176	ug/L	100
12) 1,1-Dichloroethene	2.121	96	33193	5.189	ug/L	95
13) Acetone	2.204	43	35434	44.227	ug/L	73
14) Carbon disulfide	2.298	76	80981	4.364	ug/L	98
15) Methyl Acetate	2.442	43	10093	5.197	ug/L	98
16) Methylene chloride	2.507	84	39099	4.672	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	73957	5.112	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	34790	4.913	ug/L	99
19) 1,1-Dichloroethane	3.191	63	64043	5.039	ug/L	99
21) 2-Butanone	3.995	43	57613	50.328	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	37727	5.033	ug/L	99
23) Bromochloromethane	4.249	128	17991	5.282	ug/L	90
25) Chloroform	4.378	83	72553	5.135	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41038	5.361	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	70091	5.358	ug/L	99
30) Cyclohexane	4.680	56	47927	4.620	ug/L	98
31) Carbon tetrachloride	4.828	117	61398	4.993	ug/L	99
33) Benzene	5.098	78	144293	5.101	ug/L	100
34) Trichloroethene	5.915	95	39775	4.985	ug/L	96
35) Methylcyclohexane	6.130	83	54225	4.618	ug/L	98
37) 1,2-Dichloropropane	6.172	63	33298	4.953	ug/L	99
38) Bromodichloromethane	6.510	83	48043	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	47540	4.763	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	162650	50.365	ug/L	97
42) Toluene	7.387	91	164229	5.159	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	41287	4.786	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	26285	5.285	ug/L	97
47) Tetrachloroethene	7.976	164	36157	5.148	ug/L	93
48) 2-Hexanone	8.140	43	119355	50.971	ug/L	98
49) Dibromochloromethane	8.246	129	32656	4.826	ug/L	99
50) 1,2-Dibromoethane	8.352	107	23853	5.166	ug/L	98
51) Chlorobenzene	8.879	112	106774	5.018	ug/L	99
52) Ethylbenzene	9.011	91	168904	5.029	ug/L	99
53) m,p-xylene	9.136	106	68243	5.138	ug/L	99
54) o-xylene	9.542	106	66355	5.166	ug/L	100
55) Styrene	9.561	104	114941	5.375	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	27455	5.041	ug/L	98
59) Bromoform	9.731	173	17676	4.411	ug/L	98
60) Isopropylbenzene	9.931	105	181971	4.963	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	20683	4.862	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	145260	4.776	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	147038	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	93967	5.011	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	93262	4.952	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	84840	4.939	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4149	4.466	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	71155	4.614	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	55354	4.570	ug/L	99
71) Naphthalene	13.500	128	77553	4.455	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	49049	4.587	ug/L	98

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

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