

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024176.D
 Acq On : 27 Dec 2021 12:36
 Operator : SY/MD
 Sample : VSTD02069
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020269

Quant Time: Dec 29 04:40:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74688	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	183020	21.903	ug/L	0.00
7) Chloroethane-d5	1.568	69	151547	21.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	441861	21.757	ug/L	0.00
20) 2-Butanone-d5	3.905	46	246639	265.723	ug/L	0.00
24) Chloroform-d	4.346	84	394453	22.237	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	178424	22.471	ug/L	0.00
32) Benzene-d6	5.050	84	723001	22.922	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	195867	22.670	ug/L	0.00
41) Toluene-d8	7.313	98	723997	23.289	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	87648	23.958	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	340942	277.168	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	139681	23.678	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	285614	21.999	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	545841	21.257	ug/L	99
3) Chloromethane	1.240	50	402982	20.767	ug/L	98
5) Vinyl chloride	1.310	62	426962	21.499	ug/L	99
6) Bromomethane	1.523	94	278633	21.991	ug/L	99
8) Chloroethane	1.584	64	244327	21.161	ug/L	97
9) Trichlorofluoromethane	1.754	101	687820	21.308	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	330379	21.322	ug/L	99
12) 1,1-Dichloroethene	2.118	96	324978	21.305	ug/L	95
13) Acetone	2.198	43	304852	231.423	ug/L	87
14) Carbon disulfide	2.294	76	1079567	21.903	ug/L	99
15) Methyl Acetate	2.442	43	89743	27.437	ug/L	98
16) Methylene chloride	2.507	84	325999	19.995	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	710604	23.040	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	356351	21.997	ug/L	99
19) 1,1-Dichloroethane	3.188	63	570958	21.173	ug/L	100
21) 2-Butanone	3.982	43	439648	253.667	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	366355	22.853	ug/L	98
23) Bromochloromethane	4.246	128	162808	21.251	ug/L	91
25) Chloroform	4.371	83	637527	21.157	ug/L	100
27) 1,2-Dichloroethane	5.130	62	360954	21.400	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	628779	21.347	ug/L	99
30) Cyclohexane	4.677	56	515505	23.528	ug/L	96
31) Carbon tetrachloride	4.828	117	582955	21.340	ug/L	99
33) Benzene	5.098	78	1351026	22.048	ug/L	100
34) Trichloroethene	5.912	95	374543	21.662	ug/L	98
35) Methylcyclohexane	6.130	83	583814	23.315	ug/L	97
37) 1,2-Dichloropropane	6.172	63	304626	21.561	ug/L	99
38) Bromodichloromethane	6.506	83	441975	21.833	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	494454	24.143	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	1571400	232.702	ug/L	97
42) Toluene	7.387	91	1547144	22.627	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	426813	24.404	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	225075	21.489	ug/L	98
47) Tetrachloroethene	7.976	164	336145	21.850	ug/L	99
48) 2-Hexanone	8.140	43	1138674	230.397	ug/L	98
49) Dibromochloromethane	8.246	129	315303	22.380	ug/L	99
50) 1,2-Dibromoethane	8.352	107	217975	21.900	ug/L	94
51) Chlorobenzene	8.879	112	993445	21.927	ug/L	99
52) Ethylbenzene	9.011	91	1694361	23.307	ug/L	100
53) m,p-xylene	9.137	106	679525	23.563	ug/L	100
54) o-xylene	9.542	106	653713	23.674	ug/L	99
55) Styrene	9.558	104	1108061	23.819	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	230350	22.692	ug/L	98
59) Bromoform	9.731	173	173592	21.566	ug/L	99
60) Isopropylbenzene	9.931	105	1756765	22.249	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	178988	20.255	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1545552	23.215	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1581426	23.304	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	869451	21.251	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	866344	21.366	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	786178	21.230	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	42299	22.193	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	735853	22.586	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	592110	23.602	ug/L	98
71) Naphthalene	13.500	128	904527	24.284	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	507136	22.983	ug/L	99

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

