

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
 Data File : VV024174.D
 Acq On : 27 Dec 2021 11:48
 Operator : SY/MD
 Sample : VSTD00567
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005267

Quant Time: Dec 29 04:20:36 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	108146	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41753	5.133	ug/L	0.00
7) Chloroethane-d5	1.568	69	34908	5.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	97555	4.934	ug/L	0.00
20) 2-Butanone-d5	3.915	46	48458	53.630	ug/L	0.00
24) Chloroform-d	4.349	84	87634	5.075	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	39872	5.158	ug/L	0.00
32) Benzene-d6	5.050	84	161109	5.297	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	42738	5.130	ug/L	0.00
41) Toluene-d8	7.317	98	160468	5.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	18506	5.246	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	62073	52.335	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29734	5.227	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	59095	4.971	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	125583	5.024	ug/L	100
3) Chloromethane	1.240	50	91940	4.867	ug/L	97
5) Vinyl chloride	1.310	62	93460	4.834	ug/L	98
6) Bromomethane	1.523	94	59259	4.804	ug/L	97
8) Chloroethane	1.584	64	54194	4.822	ug/L	97
9) Trichlorofluoromethane	1.754	101	152752	4.861	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	75325	4.994	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72567	4.887	ug/L	91
13) Acetone	2.211	43	58137	45.336	ug/L	77
14) Carbon disulfide	2.294	76	232402	4.844	ug/L	99
15) Methyl Acetate	2.445	43	13710	4.306	ug/L #	88
16) Methylene chloride	2.507	84	73702	4.644	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	146178	4.869	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	77058	4.886	ug/L	98
19) 1,1-Dichloroethane	3.191	63	127141	4.843	ug/L	99
21) 2-Butanone	3.995	43	81888	48.535	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	75634	4.847	ug/L	98
23) Bromochloromethane	4.249	128	36773	4.931	ug/L	92
25) Chloroform	4.375	83	142338	4.852	ug/L	99
27) 1,2-Dichloroethane	5.130	62	81743	4.978	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	137798	4.852	ug/L	99
30) Cyclohexane	4.677	56	106872	5.059	ug/L	96
31) Carbon tetrachloride	4.828	117	128933	4.895	ug/L	99
33) Benzene	5.098	78	296326	5.015	ug/L	100
34) Trichloroethene	5.912	95	80717	4.842	ug/L	97
35) Methylcyclohexane	6.130	83	123697	5.123	ug/L	97
37) 1,2-Dichloropropane	6.172	63	67324	4.942	ug/L	100
38) Bromodichloromethane	6.510	83	96750	4.957	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	97221	4.923	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	339208	52.096	ug/L	97
42) Toluene	7.387	91	337513	5.119	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	87545	5.191	ug/L	99

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45) 1,1,2-Trichloroethane	7.838	97	51006	5.050	ug/L	97
47) Tetrachloroethene	7.976	164	72927	4.916	ug/L	99
48) 2-Hexanone	8.143	43	249726	52.404	ug/L	96
49) Dibromochloromethane	8.246	129	67985	5.004	ug/L	99
50) 1,2-Dibromoethane	8.352	107	48531	5.057	ug/L	94
51) Chlorobenzene	8.879	112	213825	4.895	ug/L	98
52) Ethylbenzene	9.011	91	351591	5.016	ug/L	99
53) m,p-xylene	9.136	106	143481	5.160	ug/L	100
54) o-xylene	9.542	106	133697	5.021	ug/L	99
55) Styrene	9.561	104	234712	5.233	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	48943	5.000	ug/L	98
59) Bromoform	9.731	173	35926	4.874	ug/L	100
60) Isopropylbenzene	9.931	105	361819	5.004	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	39926	4.934	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	307321	5.041	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	317010	5.102	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	187181	4.996	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	182775	4.923	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	165497	4.880	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7796	4.467	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	147262	4.936	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	111036	4.833	ug/L	97
71) Naphthalene	13.503	128	164652	4.827	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	101093	5.003	ug/L	99

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

