

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034924.D
 Acq On : 02 Apr 2024 10:33
 Operator : SY/MD
 Sample : VSTD02050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020250

Quant Time: Apr 03 04:48:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	192399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	106683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	336265	21.207	ug/L	0.00
7) Chloroethane-d5	1.532	69	273312	20.906	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	155404	21.579	ug/L	0.00
20) 2-Butanone-d5	3.815	46	586275	236.263	ug/L	-0.02
24) Chloroform-d	4.246	84	557215	21.718	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	262045	22.616	ug/L	0.00
32) Benzene-d6	4.956	84	1136632	22.043	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	337407	22.295	ug/L	0.00
41) Toluene-d8	7.239	98	1061261	22.658	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	131298	24.423	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	500510	271.260	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	239202	22.653	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	351086	20.893	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	302530	20.432	ug/L	100
3) Chloromethane	1.214	50	363282	20.227	ug/L	100
5) Vinyl chloride	1.281	62	397308	20.684	ug/L	99
6) Bromomethane	1.487	94	223453	20.376	ug/L	100
8) Chloroethane	1.548	64	249403	20.199	ug/L	100
9) Trichlorofluoromethane	1.712	101	525438	20.580	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	329364	21.057	ug/L	99
12) 1,1-Dichloroethene	2.069	96	308604	21.127	ug/L	98
13) Acetone	2.166	43	422328	233.357	ug/L	88
14) Carbon disulfide	2.240	76	908053	20.867	ug/L	100
15) Methyl Acetate	2.387	43	128865	25.796	ug/L	99
16) Methylene chloride	2.445	84	314669	19.635	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	720195	22.897	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	305287	21.085	ug/L	94
19) 1,1-Dichloroethane	3.108	63	604944	21.177	ug/L	99
21) 2-Butanone	3.899	43	670208	229.335	ug/L #	73
22) cis-1,2-Dichloroethene	3.812	96	337974	22.289	ug/L	97
23) Bromochloromethane	4.146	128	137298	21.565	ug/L	98
25) Chloroform	4.272	83	589829	20.791	ug/L	100
27) 1,2-Dichloroethane	5.040	62	354978	22.235	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	493553	20.429	ug/L	98
30) Cyclohexane	4.580	56	493505	22.175	ug/L	99
31) Carbon tetrachloride	4.731	117	426748	20.641	ug/L	99
33) Benzene	5.008	78	1283161	21.262	ug/L	100
34) Trichloroethene	5.828	95	329870	20.980	ug/L	96
35) Methylcyclohexane	6.050	83	524369	21.897	ug/L	99
37) 1,2-Dichloropropane	6.091	63	336818	21.526	ug/L	99
38) Bromodichloromethane	6.429	83	418474	21.200	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	502561	23.910	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	1613689	241.158	ug/L	99
42) Toluene	7.313	91	1387877	21.879	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	416529	23.906	ug/L	98

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45) 1,1,2-Trichloroethane	7.767	97	218879	21.289	ug/L	99
47) Tetrachloroethene	7.902	164	247932	20.988	ug/L	97
48) 2-Hexanone	8.075	43	1216086	232.869	ug/L	99
49) Dibromochloromethane	8.175	129	270463	22.350	ug/L	97
50) 1,2-Dibromoethane	8.281	107	211423	21.843	ug/L	99
51) Chlorobenzene	8.812	112	872607	21.292	ug/L	99
52) Ethylbenzene	8.943	91	1563401	22.818	ug/L	100
53) m,p-Xylene	9.069	106	581108	23.097	ug/L	100
54) o-Xylene	9.477	106	578473	23.434	ug/L	98
55) Styrene	9.493	104	968351	24.399	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	268079	21.815	ug/L	98
59) Bromoform	9.664	173	148911	22.456	ug/L	99
60) Isopropylbenzene	9.866	105	1475532	22.128	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	196511	19.731	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	1258508	22.976	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	1298870	23.373	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	709623	20.853	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	691568	20.291	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	645280	20.526	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44262	21.620	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	552118	21.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	467472	23.552	ug/L	99
71) Naphthalene	13.438	128	687988	24.664	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	406899	23.310	ug/L	99

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

