

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058375.D
 Acq On : 04 Apr 2024 18:04
 Operator : MD/SY
 Sample : VSTD01051
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010051

Quant Time: Apr 04 22:47:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59317	8.311	ug/L	0.00
7) Chloroethane-d5	1.907	69	51531	8.802	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	27334	9.152	ug/L	0.00
20) 2-Butanone-d5	4.624	46	130340	100.452	ug/L	0.00
24) Chloroform-d	5.052	84	119149	9.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	55609	9.214	ug/L	0.00
32) Benzene-d6	5.718	84	234869	8.752	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	73215	9.223	ug/L	0.00
41) Toluene-d8	7.891	98	212557	8.971	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	23871	9.329	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	99480	96.040	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48307	9.251	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	66963	8.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	74763	17.112	ug/L	100
3) Chloromethane	1.515	50	87189	15.912	ug/L	100
5) Vinyl chloride	1.599	62	88410	15.158	ug/L	100
6) Bromomethane	1.853	94	42119	14.093	ug/L	99
8) Chloroethane	1.930	64	55500	14.847	ug/L	100
9) Trichlorofluoromethane	2.133	101	117262	13.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	71097	12.596	ug/L	98
12) 1,1-Dichloroethene	2.573	96	61600	12.844	ug/L	97
13) Acetone	2.641	43	97110	107.543	ug/L	99
14) Carbon disulfide	2.785	76	194563	16.561	ug/L	99
15) Methyl Acetate	2.949	43	24607	12.804	ug/L	98
16) Methylene chloride	3.036	84	76438	11.208	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	149053	11.940	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	65600	12.992	ug/L	97
19) 1,1-Dichloroethane	3.859	63	142510	12.824	ug/L	98
21) 2-Butanone	4.702	43	153667	112.375	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	74641	12.348	ug/L	99
23) Bromochloromethane	4.965	128	30089	13.246	ug/L	98
25) Chloroform	5.078	83	138735	12.059	ug/L	99
27) 1,2-Dichloroethane	5.785	62	84607	12.761	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	113840	12.216	ug/L	99
30) Cyclohexane	5.380	56	124681	14.502	ug/L	99
31) Carbon tetrachloride	5.515	117	97995	12.266	ug/L	100
33) Benzene	5.766	78	306120	12.753	ug/L	100
34) Trichloroethene	6.534	95	76340	12.284	ug/L	99
35) Methylcyclohexane	6.756	83	122024	13.643	ug/L	99
37) 1,2-Dichloropropane	6.782	63	80634	12.102	ug/L	100
38) Bromodichloromethane	7.097	83	95215	12.545	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	107864	12.867	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	388410	117.143	ug/L	99
42) Toluene	7.962	91	324379	12.788	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85549	12.988	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	47593	11.527	ug/L	99
47) Tetrachloroethene	8.547	164	55943	13.199	ug/L	98
48) 2-Hexanone	8.676	43	283427	117.029	ug/L	99
49) Dibromochloromethane	8.801	129	55793	12.256	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43004	12.094	ug/L #	98
51) Chlorobenzene	9.441	112	193628	12.035	ug/L	98
52) Ethylbenzene	9.563	91	351111	12.511	ug/L	99
53) m,p-Xylene	9.685	106	129118	12.856	ug/L	100
54) o-Xylene	10.094	106	128080	12.764	ug/L	99
55) Styrene	10.106	104	208770	13.107	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	59024	12.129	ug/L	100
59) Bromoform	10.283	173	29131	11.923	ug/L	97
60) Isopropylbenzene	10.476	105	324045	11.725	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42275	10.957	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	271661	11.774	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	278343	12.050	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	148243	11.516	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	142571	11.464	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	136483	11.498	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8200	14.144	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	110904	12.160	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	82878	12.353	ug/L	98
71) Naphthalene	14.081	128	108724	12.128	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	68639	12.476	ug/L	99

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

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