

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058374.D
 Acq On : 04 Apr 2024 17:40
 Operator : MD/SY
 Sample : VSTD00550
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005050

Quant Time: Apr 04 22:47:04 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	91375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86295	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28735	3.892	ug/L	0.00
7) Chloroethane-d5	1.907	69	24828	4.100	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	12853	4.161	ug/L	0.00
20) 2-Butanone-d5	4.634	46	61079	45.512	ug/L	0.00
24) Chloroform-d	5.055	84	58666	4.367	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	27040	4.332	ug/L	0.00
32) Benzene-d6	5.721	84	114791	4.216	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	35156	4.365	ug/L	0.00
41) Toluene-d8	7.891	98	101485	4.222	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	11456	4.413	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	44921	42.748	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23165	4.373	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	31352	4.142	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37638	8.329	ug/L	100
3) Chloromethane	1.515	50	45187	7.973	ug/L	100
5) Vinyl chloride	1.599	62	44981	7.456	ug/L	100
6) Bromomethane	1.853	94	20926	6.770	ug/L	100
8) Chloroethane	1.927	64	27812	7.193	ug/L	100
9) Trichlorofluoromethane	2.132	101	60623	6.523	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35912	6.151	ug/L	100
12) 1,1-Dichloroethene	2.573	96	31190	6.288	ug/L	100
13) Acetone	2.657	43	52534	56.249	ug/L	100
14) Carbon disulfide	2.785	76	98403	8.098	ug/L	100
15) Methyl Acetate	2.956	43	12849	6.464	ug/L	100
16) Methylene chloride	3.036	84	40977	5.809	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	74459	5.767	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	33822	6.477	ug/L	100
19) 1,1-Dichloroethane	3.859	63	71881	6.254	ug/L	100
21) 2-Butanone	4.714	43	79253	56.035	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	37461	5.992	ug/L	100
23) Bromochloromethane	4.968	128	15096	6.425	ug/L	100
25) Chloroform	5.078	83	70564	5.930	ug/L	100
27) 1,2-Dichloroethane	5.788	62	42706	6.227	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	57476	6.080	ug/L	100
30) Cyclohexane	5.380	56	60383	6.923	ug/L	100
31) Carbon tetrachloride	5.515	117	49162	6.066	ug/L	100
33) Benzene	5.766	78	154744	6.354	ug/L	100
34) Trichloroethene	6.537	95	38573	6.118	ug/L	100
35) Methylcyclohexane	6.756	83	60443	6.661	ug/L	100
37) 1,2-Dichloropropane	6.782	63	41425	6.128	ug/L	100
38) Bromodichloromethane	7.097	83	46796	6.077	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	52057	6.121	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	193573	57.547	ug/L	100
42) Toluene	7.962	91	162104	6.299	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	41011	6.137	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	24226	5.784	ug/L	100
47) Tetrachloroethene	8.547	164	28357	6.595	ug/L	100
48) 2-Hexanone	8.679	43	139007	56.577	ug/L	100
49) Dibromochloromethane	8.804	129	27910	6.043	ug/L	100
50) 1,2-Dibromoethane	8.917	107	21370	5.924	ug/L	100
51) Chlorobenzene	9.441	112	97716	5.987	ug/L	100
52) Ethylbenzene	9.563	91	173134	6.081	ug/L	100
53) m,p-Xylene	9.688	106	63691	6.251	ug/L	100
54) o-Xylene	10.094	106	62048	6.095	ug/L	100
55) Styrene	10.110	104	99989	6.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	29005	5.875	ug/L	100
59) Bromoform	10.283	173	14438	6.178	ug/L	100
60) Isopropylbenzene	10.479	105	157370	5.953	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	21660	5.869	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	128720	5.832	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	132063	5.977	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	72334	5.874	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	69345	5.829	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	65747	5.790	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	3722	6.711	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	53497	6.132	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	37581	5.856	ug/L	100
71) Naphthalene	14.084	128	44639	5.205	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	30833	5.859	ug/L	100

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

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