

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061860.D
 Acq On : 20 Nov 2024 11:45
 Operator : MD/SY
 Sample : VSTD00151
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001051

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

Quant Time: Nov 21 00:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	197603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	8895	0.752	ug/L	0.00
7) Chloroethane-d5	1.907	69	7616	0.834	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	3408	0.655	ug/L	0.00
20) 2-Butanone-d5	4.634	46	24968	8.415	ug/L	0.02
24) Chloroform-d	5.055	84	20897	0.946	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	11027	0.953	ug/L	0.00
32) Benzene-d6	5.721	84	35096	0.704	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12000	0.725	ug/L	0.00
41) Toluene-d8	7.891	98	28238	0.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	3951	0.570	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	19703m	6.862	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	10961	0.834	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	10836	0.979	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	15661	1.581	ug/L	95
3) Chloromethane	1.518	50	16262	1.244	ug/L	94
5) Vinyl chloride	1.602	62	16911	1.280	ug/L	87
6) Bromomethane	1.850	94	9834	1.358	ug/L	99
8) Chloroethane	1.930	64	10120	1.265	ug/L	99
9) Trichlorofluoromethane	2.133	101	21184	1.256	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	13008	1.185	ug/L	97
12) 1,1-Dichloroethene	2.573	96	11446	1.086	ug/L	93
13) Acetone	2.621	43	19330	10.043	ug/L	98
14) Carbon disulfide	2.785	76	37632	1.074	ug/L	99
15) Methyl Acetate	2.949	43	4568	0.965	ug/L	99
16) Methylene chloride	3.036	84	14535	1.207	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	29437	1.006	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	12746	1.116	ug/L	98
19) 1,1-Dichloroethane	3.862	63	24232	1.093	ug/L	97
21) 2-Butanone	4.708	43	27906	8.917	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	14018	1.102	ug/L	93
23) Bromochloromethane	4.968	128	6468	1.236	ug/L	88
25) Chloroform	5.081	83	25006	1.110	ug/L	92
27) 1,2-Dichloroethane	5.788	62	16939	1.155	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	20732	0.895	ug/L	97
30) Cyclohexane	5.380	56	20918	0.823	ug/L	98
31) Carbon tetrachloride	5.515	117	17364	0.888	ug/L	99
33) Benzene	5.769	78	55272	0.938	ug/L	100
34) Trichloroethene	6.537	95	15150	0.946	ug/L	98
35) Methylcyclohexane	6.753	83	21349	0.839	ug/L	98
37) 1,2-Dichloropropane	6.782	63	14404	0.932	ug/L #	97
38) Bromodichloromethane	7.097	83	16954	0.877	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	18334	0.773	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	71605	7.503	ug/L	99
42) Toluene	7.962	91	56055	0.889	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	14269	0.732	ug/L	97

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45) 1,1,2-Trichloroethane	8.393	97	10031	0.952	ug/L	98
47) Tetrachloroethene	8.547	164	10521	0.996	ug/L	97
48) 2-Hexanone	8.679	43	60246	9.099	ug/L	96
49) Dibromochloromethane	8.801	129	11527	0.974	ug/L	96
50) 1,2-Dibromoethane	8.917	107	11096	1.129	ug/L	98
51) Chlorobenzene	9.441	112	42299	1.103	ug/L	100
52) Ethylbenzene	9.563	91	72063	1.022	ug/L	99
53) m,p-Xylene	9.688	106	25731	0.994	ug/L	93
54) o-Xylene	10.094	106	24924	0.985	ug/L	97
55) Styrene	10.110	104	39413	0.960	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	12512	0.919	ug/L	95
59) Bromoform	10.283	173	5811	1.170	ug/L	96
60) Isopropylbenzene	10.476	105	57587	1.160	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	9352	1.290	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	46496	1.079	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	46496	1.094	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	28302	1.330	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	24477	1.164	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	22583	1.195	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	1545	1.050	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	15205	1.075	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	10271	0.946	ug/L	95
71) Naphthalene	14.090	128	15810	0.909	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	9425	1.040	ug/L	98

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

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