

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062152.D
 Acq On : 09 Dec 2024 11:16
 Operator : MD/SY
 Sample : VSTD00157
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001057

Quant Time: Dec 09 12:57:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 12:03:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	112868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	105548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	6547	1.183	ug/L	0.00
7) Chloroethane-d5	1.907	69	4973	1.015	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	3150	1.424	ug/L	0.00
20) 2-Butanone-d5	4.644	46	11981	6.891	ug/L	0.01
24) Chloroform-d	5.055	84	14211	1.052	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	6706	0.965	ug/L	0.00
32) Benzene-d6	5.721	84	26056	1.267	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	7515	1.075	ug/L	0.00
41) Toluene-d8	7.891	98	24547	1.431	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2995	1.158	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	9344	7.914	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	6094	0.873	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	8326	1.103	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10220	1.035	ug/L	99
3) Chloromethane	1.518	50	8350	0.820	ug/L	99
5) Vinyl chloride	1.599	62	8251	0.789	ug/L	95
6) Bromomethane	1.853	94	5625	0.904	ug/L	100
8) Chloroethane	1.930	64	4922	0.730	ug/L	94
9) Trichlorofluoromethane	2.132	101	14641	1.107	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	8064	0.991	ug/L	90
12) 1,1-Dichloroethene	2.573	96	7381	0.975	ug/L	82
13) Acetone	2.640	43	9872	8.224	ug/L	98
14) Carbon disulfide	2.785	76	23274	0.967	ug/L	96
15) Methyl Acetate	2.962	43	2476	0.803	ug/L	99
16) Methylene chloride	3.036	84	7606	0.837	ug/L	88
17) Methyl tert-butyl Ether	3.357	73	18062	0.931	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	7678	0.960	ug/L	92
19) 1,1-Dichloroethane	3.862	63	14184	0.910	ug/L	97
21) 2-Butanone	4.721	43	12508	6.447	ug/L	89
22) cis-1,2-Dichloroethene	4.666	96	8536	0.948	ug/L	87
23) Bromochloromethane	4.972	128	3996	1.021	ug/L #	79
25) Chloroform	5.078	83	16726	1.027	ug/L	98
27) 1,2-Dichloroethane	5.788	62	10081	0.962	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	14297	1.175	ug/L	95
30) Cyclohexane	5.377	56	11453	0.900	ug/L	95
31) Carbon tetrachloride	5.518	117	13342	1.292	ug/L	100
33) Benzene	5.766	78	32341	1.015	ug/L	100
34) Trichloroethene	6.537	95	9263	1.089	ug/L	96
35) Methylcyclohexane	6.753	83	13014	1.000	ug/L	96
37) 1,2-Dichloropropane	6.782	63	7629	0.921	ug/L #	95
38) Bromodichloromethane	7.097	83	10674	1.063	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	11902	1.025	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	35528	7.951	ug/L #	93
42) Toluene	7.962	91	33784	1.010	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	9406	1.020	ug/L	98

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45) 1,1,2-Trichloroethane	8.393	97	5993	0.982	ug/L	94
47) Tetrachloroethene	8.547	164	6969	1.126	ug/L	94
48) 2-Hexanone	8.682	43	26148	7.814	ug/L	92
49) Dibromochloromethane	8.801	129	6708	1.041	ug/L	96
50) 1,2-Dibromoethane	8.920	107	5685	0.939	ug/L #	95
51) Chlorobenzene	9.441	112	21782	0.951	ug/L	98
52) Ethylbenzene	9.563	91	37134	0.928	ug/L	99
53) m,p-Xylene	9.688	106	13303	0.942	ug/L	90
54) o-Xylene	10.094	106	12741	0.894	ug/L	96
55) Styrene	10.110	104	20845	0.887	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	6724	0.860	ug/L	94
59) Bromoform	10.280	173	4041	1.065	ug/L	99
60) Isopropylbenzene	10.476	105	36177	0.909	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	4757	0.806	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	29922	0.943	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	28837	0.911	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	16711	0.946	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	16318	0.954	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	15058	0.980	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	947	0.940	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	12525	1.192	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	8396	1.042	ug/L	94
71) Naphthalene	14.090	128	11535	0.888	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	7797	1.124	ug/L	93

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

