

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061852.D
 Acq On : 19 Nov 2024 14:13
 Operator : MD/SY
 Sample : VSTD01045
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010045

Quant Time: Nov 20 00:28:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	258549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	117302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87367	7.455	ug/L	0.00
7) Chloroethane-d5	1.907	69	89654	8.651	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	36485	6.969	ug/L	0.00
20) 2-Butanone-d5	4.621	46	262018	99.466	ug/L	0.00
24) Chloroform-d	5.052	84	226179	9.284	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	107972	9.312	ug/L	0.00
32) Benzene-d6	5.717	84	401811	6.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	131900	6.454	ug/L	0.00
41) Toluene-d8	7.888	98	363202	5.816	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	51267	6.787	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	257532	87.810	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	145584	9.216	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	152074	7.435	ug/L	0.00
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.383	85	146091	10.154	ug/L	99
3) Chloromethane	1.515	50	134877	10.382	ug/L	98
5) Vinyl chloride	1.599	62	154809	10.607	ug/L	100
6) Bromomethane	1.853	94	100192	11.347	ug/L	98
8) Chloroethane	1.930	64	114620	11.109	ug/L	95
9) Trichlorofluoromethane	2.132	101	212532	9.978	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	125081	9.934	ug/L	99
12) 1,1-Dichloroethene	2.573	96	120568	10.257	ug/L	96
13) Acetone	2.640	43	161409	97.048	ug/L	99
14) Carbon disulfide	2.785	76	368989	9.828	ug/L	100
15) Methyl Acetate	2.949	43	42267	9.943	ug/L	99
16) Methylene chloride	3.036	84	135904	10.020	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	304543	10.675	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	135169	10.549	ug/L	98
19) 1,1-Dichloroethane	3.856	63	246009	10.484	ug/L	99
21) 2-Butanone	4.698	43	288689	105.034	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	155148	10.636	ug/L	99
23) Bromochloromethane	4.962	128	69627	10.684	ug/L	97
25) Chloroform	5.074	83	264890	10.668	ug/L	100
27) 1,2-Dichloroethane	5.782	62	159400	10.277	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	221273	7.836	ug/L	100
30) Cyclohexane	5.377	56	216966	7.735	ug/L	100
31) Carbon tetrachloride	5.515	117	192292	7.995	ug/L	99
33) Benzene	5.762	78	594785	7.930	ug/L	100
34) Trichloroethene	6.531	95	156607	7.372	ug/L	97
35) Methylcyclohexane	6.753	83	242890	7.565	ug/L	97
37) 1,2-Dichloropropane	6.779	63	150067	7.502	ug/L	100
38) Bromodichloromethane	7.094	83	182382	7.703	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	222708	7.936	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	728203	76.973	ug/L	100
42) Toluene	7.959	91	653739	7.600	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	177062	7.955	ug/L	98

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45) 1,1,2-Trichloroethane	8.389	97	135860	9.145	ug/L	99
47) Tetrachloroethene	8.544	164	153346	9.549	ug/L	98
48) 2-Hexanone	8.676	43	686992	101.615	ug/L	100
49) Dibromochloromethane	8.801	129	162593	10.735	ug/L	100
50) 1,2-Dibromoethane	8.913	107	133367	9.638	ug/L	100
51) Chlorobenzene	9.438	112	574822	10.567	ug/L	98
52) Ethylbenzene	9.560	91	981748	10.927	ug/L	100
53) m,p-Xylene	9.685	106	365955	10.662	ug/L	99
54) o-Xylene	10.090	106	333683	10.402	ug/L	99
55) Styrene	10.106	104	554095	10.891	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	164438	9.780	ug/L	96
59) Bromoform	10.280	173	84178	10.858	ug/L	97
60) Isopropylbenzene	10.476	105	859358	10.529	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	110877	10.023	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	684733	10.503	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	702538	11.063	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	389902	10.379	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	404069	10.604	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	297244	8.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	17176	8.874	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	228807	8.704	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	186855	9.145	ug/L	99
71) Naphthalene	14.077	128	289181	9.833	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	161192	9.409	ug/L	99

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

