

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058302.D
 Acq On : 01 Apr 2024 09:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Apr 02 02:21:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 30 01:09:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78756	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32362	4.863	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.907	69	29140	5.364	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.200%	
11) 1,1-Dichloroethene-d2	2.563	65	13366	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.624	46	60954	51.552	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.100%	
24) Chloroform-d	5.055	84	58611	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.695	65	27938	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.721	84	118888	4.778	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.682	67	35862	4.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.891	98	105313	4.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...	8.174	79	10938	4.655	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.627	63	45148	47.441	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.880%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23238	4.864	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	31927	4.948	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	13396	4.129	ug/L	99
3) Chloromethane	1.515	50	16107	3.895	ug/L	93
5) Vinyl chloride	1.599	62	18690	4.139	ug/L	100
6) Bromomethane	1.853	94	9447	3.901	ug/L	91
8) Chloroethane	1.930	64	14059	4.722	ug/L	100
9) Trichlorofluoromethane	2.132	101	31389	4.278	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21181	4.498	ug/L	98
12) 1,1-Dichloroethene	2.576	96	16470	4.171	ug/L	96
13) Acetone	2.634	43	36225	47.339	ug/L	98
14) Carbon disulfide	2.788	76	30269	3.431	ug/L	99
15) Methyl Acetate	2.952	43	7481	4.710	ug/L	99
16) Methylene chloride	3.036	84	21137	3.778	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	46334	4.373	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	16922	4.101	ug/L	99
19) 1,1-Dichloroethane	3.859	63	41304	4.455	ug/L	98
21) 2-Butanone	4.701	43	51747	44.511	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	21638	4.244	ug/L	94
23) Bromochloromethane	4.965	128	8751	4.599	ug/L	95
25) Chloroform	5.078	83	43325	4.456	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25164	4.559	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	33069	4.175	ug/L	96
30) Cyclohexane	5.380	56	26154	3.780	ug/L	96
31) Carbon tetrachloride	5.518	117	27586	4.091	ug/L	99
33) Benzene	5.766	78	87698	4.358	ug/L	100
34) Trichloroethene	6.537	95	21743	4.148	ug/L	99
35) Methylcyclohexane	6.756	83	27917	3.818	ug/L	99
37) 1,2-Dichloropropane	6.785	63	24616	4.379	ug/L	100
38) Bromodichloromethane	7.097	83	28752	4.462	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30971	4.344	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	126201	44.401	ug/L	98
42) Toluene	7.965	91	90773	4.269	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	24593	4.384	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15605	4.407	ug/L	99
47) Tetrachloroethene	8.547	164	15211	4.332	ug/L	93
48) 2-Hexanone	8.679	43	92310	44.596	ug/L	91
49) Dibromochloromethane	8.804	129	16981	4.383	ug/L	97
50) 1,2-Dibromoethane	8.917	107	12829	4.209	ug/L	97
51) Chlorobenzene	9.441	112	58825	4.294	ug/L	99
52) Ethylbenzene	9.563	91	99784	4.203	ug/L	99
53) m,p-Xylene	9.688	106	35988	4.255	ug/L	95
54) o-Xylene	10.093	106	35516	4.159	ug/L	94
55) Styrene	10.110	104	58725	4.356	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	18836	4.513	ug/L	99
59) Bromoform	10.283	173	8271	4.545	ug/L	97
60) Isopropylbenzene	10.479	105	93336	4.484	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13950	4.808	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	77200	4.419	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	76388	4.403	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	44451	4.585	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	42777	4.566	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	40641	4.533	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	2391	5.465	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	30762	4.538	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	21384	4.230	ug/L	96
71) Naphthalene	14.084	128	25511	3.705	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	17871	4.317	ug/L	98

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

