

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062018.D
 Acq On : 25 Nov 2024 12:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005163

Quant Time: Nov 25 15:40:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	131514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34172	4.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.907	69	22988	3.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.557	65	16538	5.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.400%
20) 2-Butanone-d5	4.621	46	78288	35.970	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.940%
24) Chloroform-d	5.052	84	75578	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	37136	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.718	84	140351	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.682	67	42433	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	131680	6.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.200%
43) trans-1,3-Dichloroprop...	8.174	79	17250	5.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.624	63	57223	38.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34028	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	46667	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	64743	5.237	ug/L	99
3) Chloromethane	1.518	50	53330	4.185	ug/L	100
5) Vinyl chloride	1.599	62	55092	4.208	ug/L	98
6) Bromomethane	1.853	94	34539	4.432	ug/L	98
8) Chloroethane	1.927	64	27183	3.220	ug/L	99
9) Trichlorofluoromethane	2.129	101	86028	5.195	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50524	4.958	ug/L	93
12) 1,1-Dichloroethene	2.573	96	44794	4.727	ug/L	93
13) Acetone	2.634	43	66506	44.257	ug/L	94
14) Carbon disulfide	2.785	76	134856	4.474	ug/L	100
15) Methyl Acetate	2.949	43	16631	4.310	ug/L	94
16) Methylene chloride	3.036	84	48535	4.266	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	116534	4.798	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47286	4.721	ug/L	93
19) 1,1-Dichloroethane	3.859	63	87044	4.461	ug/L	98
21) 2-Butanone	4.702	43	105108	43.278	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	51999	4.613	ug/L	97
23) Bromochloromethane	4.965	128	23657	4.827	ug/L	88
25) Chloroform	5.078	83	96929	4.752	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58976	4.495	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	87453	5.769	ug/L	95
30) Cyclohexane	5.377	56	79906	5.040	ug/L	99
31) Carbon tetrachloride	5.515	117	77690	6.036	ug/L	100
33) Benzene	5.763	78	201299	5.068	ug/L	100
34) Trichloroethene	6.534	95	56634	5.343	ug/L	98
35) Methylcyclohexane	6.753	83	85336	5.263	ug/L	97
37) 1,2-Dichloropropane	6.782	63	51260	4.968	ug/L	99
38) Bromodichloromethane	7.097	83	66280	5.296	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	78273	5.410	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	262590	47.165	ug/L	94
42) Toluene	7.962	91	217984	5.230	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	65418	5.693	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	38231	5.029	ug/L	95
47) Tetrachloroethene	8.544	164	43611	5.657	ug/L	96
48) 2-Hexanone	8.676	43	189459	45.439	ug/L #	95
49) Dibromochloromethane	8.801	129	43980	5.477	ug/L	93
50) 1,2-Dibromoethane	8.917	107	36564	4.846	ug/L #	99
51) Chlorobenzene	9.438	112	138788	4.862	ug/L	97
52) Ethylbenzene	9.563	91	242867	4.869	ug/L	100
53) m,p-Xylene	9.685	106	92296	5.244	ug/L	99
54) o-Xylene	10.090	106	90057	5.069	ug/L	98
55) Styrene	10.107	104	146627	5.010	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	45794	4.701	ug/L	98
59) Bromoform	10.280	173	26150	5.344	ug/L	99
60) Isopropylbenzene	10.476	105	245777	4.788	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	32062	4.213	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	208417	5.090	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	204608	5.012	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107784	4.730	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	107741	4.885	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	100535	5.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7092	5.461	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	80319	5.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	63683	6.129	ug/L	98
71) Naphthalene	14.081	128	95362	5.694	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54506	6.090	ug/L	98

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

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