

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062423.D
 Acq On : 18 Dec 2024 15:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Dec 19 00:09:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46197	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22635	3.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.908	69	18608	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	11706	3.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.624	46	55023	45.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.680%
24) Chloroform-d	5.052	84	63930	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	31649	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.718	84	106688	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.679	67	31261	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	101738	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	13973	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	43280	44.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25639	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	39984	4.697	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	41160	4.680	ug/L	100
3) Chloromethane	1.515	50	29902	4.338	ug/L	100
5) Vinyl chloride	1.599	62	32063	4.467	ug/L	100
6) Bromomethane	1.853	94	22796	4.765	ug/L	99
8) Chloroethane	1.927	64	18045	4.489	ug/L	99
9) Trichlorofluoromethane	2.133	101	65119	5.227	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	33301	4.911	ug/L	89
12) 1,1-Dichloroethene	2.573	96	28909	4.560	ug/L	93
13) Acetone	2.641	43	39411	47.693	ug/L	95
14) Carbon disulfide	2.785	76	81043	4.043	ug/L	100
15) Methyl Acetate	2.953	43	8631	4.167	ug/L #	85
16) Methylene chloride	3.036	84	32853	4.937	ug/L	87
17) Methyl tert-butyl Ether	3.358	73	76354	4.835	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	30818	4.732	ug/L	90
19) 1,1-Dichloroethane	3.859	63	56109	4.700	ug/L	98
21) 2-Butanone	4.708	43	58006	48.336	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	36518	5.002	ug/L	93
23) Bromochloromethane	4.965	128	16948	5.296	ug/L #	74
25) Chloroform	5.078	83	70129	5.215	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	42090	4.925	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	66113	5.346	ug/L	94
30) Cyclohexane	5.380	56	41849	4.174	ug/L	88
31) Carbon tetrachloride	5.515	117	60835	5.365	ug/L	98
33) Benzene	5.766	78	127585	4.684	ug/L	100
34) Trichloroethene	6.534	95	41345	5.358	ug/L	94
35) Methylcyclohexane	6.753	83	50950	4.453	ug/L	93
37) 1,2-Dichloropropane	6.782	63	31830	4.798	ug/L	98
38) Bromodichloromethane	7.097	83	47944	5.122	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	51241	4.819	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	146245	47.037	ug/L #	90
42) Toluene	7.962	91	144042	4.904	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	43651	5.027	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	26161	5.224	ug/L	92
47) Tetrachloroethene	8.547	164	30734	5.158	ug/L	94
48) 2-Hexanone	8.676	43	107209	46.659	ug/L #	94
49) Dibromochloromethane	8.801	129	33702	5.570	ug/L	98
50) 1,2-Dibromoethane	8.917	107	24708	5.134	ug/L #	98
51) Chlorobenzene	9.438	112	94268	5.008	ug/L	97
52) Ethylbenzene	9.563	91	158195	4.803	ug/L	99
53) m,p-Xylene	9.685	106	61982	5.097	ug/L	98
54) o-Xylene	10.094	106	59075	4.995	ug/L	99
55) Styrene	10.107	104	100502	5.156	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	28987	4.973	ug/L #	94
59) Bromoform	10.283	173	20872	5.749	ug/L	98
60) Isopropylbenzene	10.476	105	165343	4.954	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	20884	4.889	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.081	105	136731	4.841	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	134508	4.861	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	77510	5.056	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	76980	4.987	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	71740	5.064	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4978	5.342	ug/L	86
69) 1,3,5-Trichlorobenzene	13.213	180	59701	5.239	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44248	4.918	ug/L	98
71) Naphthalene	14.081	128	56215	4.161	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37533	4.730	ug/L	98

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

