

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062421.D
 Acq On : 18 Dec 2024 05:58
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005193

Quant Time: Dec 18 06:38:06 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	99114	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50495	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28431	4.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.911	69	23119	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.560	65	13737	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.627	46	63864	49.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.700%
24) Chloroform-d	5.052	84	71946	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.692	65	37013	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.717	84	125693	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.682	67	35063	4.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.888	98	120933	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.174	79	15597	4.575	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	49976	48.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30252	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	45771	4.919	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	42336	4.560	ug/L	98
3) Chloromethane	1.518	50	31975	4.394	ug/L	95
5) Vinyl chloride	1.602	62	33699	4.448	ug/L	98
6) Bromomethane	1.853	94	23715	4.696	ug/L	98
8) Chloroethane	1.930	64	20591	4.852	ug/L	96
9) Trichlorofluoromethane	2.132	101	64876	4.933	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33973	4.746	ug/L	89
12) 1,1-Dichloroethene	2.573	96	30369	4.538	ug/L	90
13) Acetone	2.644	43	44051	50.496	ug/L	96
14) Carbon disulfide	2.788	76	87545	4.137	ug/L	99
15) Methyl Acetate	2.952	43	10895	4.983	ug/L	94
16) Methylene chloride	3.039	84	33710	4.799	ug/L	86
17) Methyl tert-butyl Ether	3.354	73	79929	4.795	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	32258	4.692	ug/L	85
19) 1,1-Dichloroethane	3.859	63	59189	4.696	ug/L	98
21) 2-Butanone	4.708	43	63170	49.863	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	37049	4.807	ug/L	95
23) Bromochloromethane	4.965	128	17709	5.242	ug/L #	78
25) Chloroform	5.078	83	71296	5.022	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45209	5.011	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	66508	5.030	ug/L	94
30) Cyclohexane	5.377	56	42678	3.981	ug/L	88
31) Carbon tetrachloride	5.515	117	61428	5.066	ug/L	99
33) Benzene	5.766	78	135206	4.642	ug/L	100
34) Trichloroethene	6.534	95	78004	9.454	ug/L	95
35) Methylcyclohexane	6.756	83	50489	4.127	ug/L	92
37) 1,2-Dichloropropane	6.778	63	33960	4.788	ug/L	100
38) Bromodichloromethane	7.097	83	49838	4.980	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	50024	4.400	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	159943	48.111	ug/L #	90
42) Toluene	7.962	91	151413	4.821	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	42663	4.595	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	27503	5.136	ug/L	95
47) Tetrachloroethene	8.544	164	31667	4.971	ug/L	95
48) 2-Hexanone	8.675	43	117768	47.934	ug/L #	93
49) Dibromochloromethane	8.801	129	34503	5.333	ug/L	93
50) 1,2-Dibromoethane	8.913	107	26736	5.196	ug/L #	96
51) Chlorobenzene	9.438	112	97790	4.859	ug/L	96
52) Ethylbenzene	9.560	91	166216	4.720	ug/L	99
53) m,p-Xylene	9.685	106	63305	4.869	ug/L	95
54) o-Xylene	10.090	106	62611	4.951	ug/L	99
55) Styrene	10.106	104	104341	5.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	31744	5.094	ug/L #	98
59) Bromoform	10.280	173	21098	5.317	ug/L #	99
60) Isopropylbenzene	10.476	105	167737	4.598	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22756	4.874	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.077	105	139645	4.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	137696	4.553	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	80790	4.822	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	78215	4.636	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	74838	4.833	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5568	5.467	ug/L	87
69) 1,3,5-Trichlorobenzene	13.209	180	59850	4.805	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	45430	4.620	ug/L	98
71) Naphthalene	14.077	128	59098	4.002	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39924	4.604	ug/L	98

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

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