

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112324\
 Data File : VU062016.D
 Acq On : 23 Nov 2024 18:38
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005162

Quant Time: Nov 25 01:28:08 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	6.238	114	122541	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	114839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20338	3.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	17003	3.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.563	65	9377	3.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.618	46	83235	44.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.200%
24) Chloroform-d	5.052	84	65901	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	34139	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.717	84	101879	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	36415	4.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	87060	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.174	79	15311	5.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.800%
46) 2-Hexanone-d5	8.624	63	58924	45.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34622	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	42143	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	56506	5.270	ug/L	99
3) Chloromethane	1.518	50	46526	4.210	ug/L	98
5) Vinyl chloride	1.602	62	47858	4.215	ug/L	99
6) Bromomethane	1.853	94	28532	4.222	ug/L	97
8) Chloroethane	1.927	64	26783	3.659	ug/L	96
9) Trichlorofluoromethane	2.132	101	75903	5.285	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42364	4.794	ug/L	92
12) 1,1-Dichloroethene	2.573	96	39654	4.825	ug/L	95
13) Acetone	2.628	43	54829	42.072	ug/L	94
14) Carbon disulfide	2.788	76	117639	4.500	ug/L	98
15) Methyl Acetate	2.949	43	14047	4.198	ug/L	99
16) Methylene chloride	3.036	84	43646	4.423	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	101259	4.808	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	41297	4.754	ug/L	92
19) 1,1-Dichloroethane	3.859	63	77901	4.603	ug/L	99
21) 2-Butanone	4.695	43	90414	42.926	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	46784	4.785	ug/L	95
23) Bromochloromethane	4.965	128	21128	4.971	ug/L	88
25) Chloroform	5.078	83	83706	4.732	ug/L	100

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27) 1,2-Dichloroethane	5.785	62	52649	4.627	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	76014	5.743	ug/L	95
30) Cyclohexane	5.380	56	67375	4.866	ug/L	99
31) Carbon tetrachloride	5.515	117	68090	6.058	ug/L	100
33) Benzene	5.766	78	179596	5.179	ug/L	100
34) Trichloroethene	6.534	95	49571	5.355	ug/L	96
35) Methylcyclohexane	6.753	83	72150	5.096	ug/L	96
37) 1,2-Dichloropropane	6.779	63	45572	5.058	ug/L	99
38) Bromodichloromethane	7.094	83	58122	5.319	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	66687	5.278	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	225087	46.299	ug/L	94
42) Toluene	7.959	91	190949	5.247	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	54980	5.480	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	33668	5.072	ug/L	98
47) Tetrachloroethene	8.544	164	38116	5.662	ug/L	94
48) 2-Hexanone	8.676	43	167604	46.034	ug/L #	97
49) Dibromochloromethane	8.801	129	38274	5.458	ug/L	94
50) 1,2-Dibromoethane	8.913	107	32983	5.006	ug/L #	99
51) Chlorobenzene	9.438	112	121674	4.881	ug/L	99
52) Ethylbenzene	9.560	91	209725	4.815	ug/L	98
53) m,p-Xylene	9.685	106	79622	5.181	ug/L	100
54) o-Xylene	10.090	106	77208	4.977	ug/L	100
55) Styrene	10.106	104	128926	5.045	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	40132	4.718	ug/L	98
59) Bromoform	10.283	173	23008	5.142	ug/L	96
60) Isopropylbenzene	10.476	105	209955	4.474	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	28632	4.115	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	176199	4.707	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	172638	4.625	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	97286	4.670	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	95181	4.720	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	89693	4.950	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6054	5.098	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	71449	5.764	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	55378	5.829	ug/L	98
71) Naphthalene	14.080	128	76692	5.008	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	46612	5.697	ug/L	97

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

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