

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062145.D
 Acq On : 06 Dec 2024 19:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Dec 06 23:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	100454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18049	3.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	15440	3.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.560	65	8470	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.624	46	65013	42.016	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.040%
24) Chloroform-d	5.052	84	57547	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.692	65	30311	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.717	84	90825	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.679	67	30313	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.888	98	77291	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.171	79	13063	5.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.000%
46) 2-Hexanone-d5	8.624	63	46837	44.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27871	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	35606	5.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	44505	5.064	ug/L	98
3) Chloromethane	1.515	50	34649	3.825	ug/L	97
5) Vinyl chloride	1.602	62	36190	3.888	ug/L	99
6) Bromomethane	1.853	94	24360	4.397	ug/L	95
8) Chloroethane	1.930	64	19886	3.314	ug/L	96
9) Trichlorofluoromethane	2.132	101	63106	5.360	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33211	4.584	ug/L	91
12) 1,1-Dichloroethene	2.573	96	30978	4.598	ug/L	96
13) Acetone	2.640	43	45601	42.685	ug/L	95
14) Carbon disulfide	2.785	76	87625	4.089	ug/L	99
15) Methyl Acetate	2.952	43	11123	4.055	ug/L #	88
16) Methylene chloride	3.036	84	35954	4.445	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	86893	5.033	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	33059	4.642	ug/L	89
19) 1,1-Dichloroethane	3.859	63	63521	4.579	ug/L	99
21) 2-Butanone	4.701	43	73831	42.760	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	39038	4.871	ug/L	98
23) Bromochloromethane	4.965	128	17950	5.152	ug/L	83
25) Chloroform	5.078	83	73061	5.038	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45261	4.852	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	65916	6.064	ug/L	95
30) Cyclohexane	5.377	56	48071	4.228	ug/L	92
31) Carbon tetrachloride	5.515	117	57916	6.274	ug/L	97
33) Benzene	5.762	78	143005	5.021	ug/L	100
34) Trichloroethene	6.534	95	39241	5.162	ug/L	96
35) Methylcyclohexane	6.753	83	53883	4.634	ug/L	95
37) 1,2-Dichloropropane	6.779	63	35918	4.854	ug/L	100
38) Bromodichloromethane	7.094	83	50525	5.630	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	56069	5.404	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	180434	45.192	ug/L #	92
42) Toluene	7.959	91	153068	5.121	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	45840	5.563	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	27866	5.112	ug/L	96
47) Tetrachloroethene	8.544	164	30279	5.477	ug/L	94
48) 2-Hexanone	8.676	43	132562	44.334	ug/L #	92
49) Dibromochloromethane	8.798	129	32864	5.707	ug/L	92
50) 1,2-Dibromoethane	8.913	107	26261	4.854	ug/L #	98
51) Chlorobenzene	9.438	112	98960	4.834	ug/L	99
52) Ethylbenzene	9.560	91	168410	4.708	ug/L	99
53) m,p-Xylene	9.685	106	63142	5.003	ug/L	100
54) o-Xylene	10.090	106	62297	4.890	ug/L	99
55) Styrene	10.106	104	104674	4.987	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32511	4.654	ug/L	99
59) Bromoform	10.280	173	19756	5.552	ug/L	99
60) Isopropylbenzene	10.476	105	167204	4.480	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23495	4.246	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	141978	4.769	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	141104	4.754	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	78309	4.727	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	77808	4.852	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	74406	5.164	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	5219	5.527	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.209	180	57356	5.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46177	6.112	ug/L	98
71) Naphthalene	14.080	128	68387	5.616	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40421	6.212	ug/L	99

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

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