

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060144.D
 Acq On : 24 Jul 2024 04:25
 Operator : MD/SY
 Sample : P3300-18MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G93MS

Quant Time: Jul 24 06:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162922	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56583	4.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.911	69	50263	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	20741	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.627	46	126832	47.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.720%
24) Chloroform-d	5.055	84	107948	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	49534	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	216517	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.682	67	66074	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	206008	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.174	79	21960	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	105565	49.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59590	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	77945	4.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46769	3.796	ug/L	99
3) Chloromethane	1.518	50	58363	3.922	ug/L	99
5) Vinyl chloride	1.602	62	65748	3.941	ug/L	96
6) Bromomethane	1.853	94	42530	3.916	ug/L	100
8) Chloroethane	1.930	64	42540	3.904	ug/L	100
9) Trichlorofluoromethane	2.132	101	85102	4.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55192	4.020	ug/L	99
12) 1,1-Dichloroethene	2.576	96	51070	4.107	ug/L	92
13) Acetone	2.644	43	95743	54.614	ug/L	100
14) Carbon disulfide	2.788	76	136409	3.767	ug/L	100
15) Methyl Acetate	2.853	43	1118816	259.481	ug/L #	46
16) Methylene chloride	3.039	84	60883	3.993	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	134300	4.736	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	53278	4.119	ug/L	99
19) 1,1-Dichloroethane	3.859	63	100986	4.111	ug/L	98
21) 2-Butanone	4.708	43	129099	46.519	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	64465	4.449	ug/L	97
23) Bromochloromethane	4.968	128	30369	4.313	ug/L	96
25) Chloroform	5.078	83	115810	4.288	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	63908	4.139	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	85846	4.119	ug/L	98
30) Cyclohexane	5.380	56	67360	4.087	ug/L	100
31) Carbon tetrachloride	5.515	117	72630	4.039	ug/L	98
33) Benzene	5.766	78	238275	4.323	ug/L	100
34) Trichloroethene	6.534	95	61712	4.221	ug/L	98
35) Methylcyclohexane	6.756	83	74287	3.877	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61405	4.124	ug/L	99
38) Bromodichloromethane	7.097	83	77847	4.173	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	80484	4.136	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	308793	46.862	ug/L	96
42) Toluene	7.962	91	455196	7.760	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	65777	4.046	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50757	4.461	ug/L	95
47) Tetrachloroethene	8.547	164	49246	4.074	ug/L	96
48) 2-Hexanone	8.679	43	227927	47.242	ug/L	98
49) Dibromochloromethane	8.804	129	54796	4.353	ug/L	100
50) 1,2-Dibromoethane	8.917	107	47120	4.580	ug/L	98
51) Chlorobenzene	9.441	112	165931	4.330	ug/L	98
52) Ethylbenzene	9.563	91	254493	4.350	ug/L	98
53) m,p-Xylene	9.688	106	101875	4.508	ug/L	98
54) o-Xylene	10.093	106	98433	4.554	ug/L	98
55) Styrene	10.110	104	156496	4.254	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	62600	4.497	ug/L	93
59) Bromoform	10.283	173	34928	4.384	ug/L	96
60) Isopropylbenzene	10.479	105	253696	4.424	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41150	4.452	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	192877	4.402	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	190582	4.502	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	136347	4.419	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	133735	4.258	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	128604	4.355	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	8308	4.612	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	95258	4.091	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	76571	4.320	ug/L	98
71) Naphthalene	14.080	128	111885	4.456	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71383	4.479	ug/L	98

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

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