

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060145.D
 Acq On : 24 Jul 2024 04:49
 Operator : MD/SY
 Sample : P3300-19MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G93MSD

Quant Time: Jul 24 06:01:10 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	162848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49026	4.327	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.911	69	44915	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	18567	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.628	46	115903	43.754	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.500%
24) Chloroform-d	5.055	84	97558	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	46821	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	199063	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	60600	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.891	98	187105	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.174	79	19474	4.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	95971	44.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54707	4.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	69699	4.479	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45966	3.733	ug/L	100
3) Chloromethane	1.518	50	58501	3.933	ug/L	100
5) Vinyl chloride	1.602	62	64840	3.889	ug/L	100
6) Bromomethane	1.853	94	44138	4.066	ug/L	94
8) Chloroethane	1.930	64	43207	3.967	ug/L	99
9) Trichlorofluoromethane	2.133	101	84579	4.022	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53441	3.895	ug/L	99
12) 1,1-Dichloroethene	2.576	96	49930	4.017	ug/L	91
13) Acetone	2.641	43	105914	60.443	ug/L	99
14) Carbon disulfide	2.788	76	136649	3.776	ug/L	99
15) Methyl Acetate	2.853	43	1251263	290.330	ug/L #	46
16) Methylene chloride	3.036	84	62288	4.087	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	132950	4.690	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	52736	4.079	ug/L	93
19) 1,1-Dichloroethane	3.859	63	100377	4.088	ug/L	97
21) 2-Butanone	4.708	43	125253	45.154	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	64340	4.443	ug/L	97
23) Bromochloromethane	4.968	128	30671	4.358	ug/L	94
25) Chloroform	5.081	83	114181	4.229	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	63658	4.125	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	87043	4.179	ug/L	99
30) Cyclohexane	5.380	56	68347	4.149	ug/L	99
31) Carbon tetrachloride	5.518	117	72798	4.052	ug/L	98
33) Benzene	5.766	78	238480	4.330	ug/L	100
34) Trichloroethene	6.537	95	61470	4.208	ug/L	99
35) Methylcyclohexane	6.756	83	74941	3.913	ug/L	100
37) 1,2-Dichloropropane	6.782	63	62196	4.180	ug/L	100
38) Bromodichloromethane	7.097	83	79396	4.259	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	79566	4.092	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	311067	47.240	ug/L	96
42) Toluene	7.962	91	460682	7.859	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	66617	4.101	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	50919	4.478	ug/L	98
47) Tetrachloroethene	8.547	164	50072	4.145	ug/L	96
48) 2-Hexanone	8.679	43	227910	47.272	ug/L	98
49) Dibromochloromethane	8.801	129	55473	4.410	ug/L	99
50) 1,2-Dibromoethane	8.917	107	46036	4.478	ug/L	98
51) Chlorobenzene	9.441	112	165793	4.329	ug/L	99
52) Ethylbenzene	9.563	91	257557	4.406	ug/L	99
53) m,p-Xylene	9.688	106	103274	4.573	ug/L	93
54) o-Xylene	10.094	106	99583	4.611	ug/L	98
55) Styrene	10.110	104	159014	4.326	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	62493	4.493	ug/L	99
59) Bromoform	10.283	173	36200	4.620	ug/L	100
60) Isopropylbenzene	10.476	105	257937	4.574	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	41907	4.610	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	193663	4.495	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	190802	4.583	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	136898	4.512	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	136537	4.420	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	131355	4.523	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8550	4.826	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	97070	4.239	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	81183	4.658	ug/L	99
71) Naphthalene	14.081	128	127726	5.172	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	78076	4.981	ug/L	99

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

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