

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052339.D
 Acq On : 10 Dec 2022 06:20
 Operator : JC/MD
 Sample : N5930-12MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ94MSD

Quant Time: Dec 10 06:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	272007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	268216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	146033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	126104	4.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.916	69	82795	4.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.568	65	37183	3.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.642	46	299858	62.524	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.040%
24) Chloroform-d	5.063	84	175236	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.700	65	88862	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.726	84	360416	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.687	67	115585	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.893	98	333108	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.176	79	40715	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.629	63	217539	57.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	110995	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	132887	4.753	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93966	3.983	ug/L	99
3) Chloromethane	1.523	50	117556	3.818	ug/L	98
5) Vinyl chloride	1.607	62	3861042	130.521	ug/L	98
6) Bromomethane	1.861	94	49353	3.251	ug/L	99
8) Chloroethane	1.938	64	207677	11.290	ug/L	97
9) Trichlorofluoromethane	2.141	101	135595	4.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	80986	4.070	ug/L	100
12) 1,1-Dichloroethene	2.584	96	232062	11.761	ug/L #	74
13) Acetone	2.652	43	170264	52.281	ug/L	99
14) Carbon disulfide	2.797	76	275473	4.033	ug/L	99
15) Methyl Acetate	2.957	43	37173	4.401	ug/L	98
16) Methylene chloride	3.047	84	105821	3.964	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	199738	4.522	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	192812	9.116	ug/L	98
19) 1,1-Dichloroethane	3.867	63	8728280	228.956	ug/L	99
21) 2-Butanone	4.713	43	282630	54.146	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	14540501	655.013	ug/L	96
23) Bromochloromethane	4.973	128	46997	4.425	ug/L	91
25) Chloroform	5.086	83	172487	4.465	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	142358	6.017	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	3328050	111.837	ug/L	98
30) Cyclohexane	5.388	56	138801	4.804	ug/L	99
31) Carbon tetrachloride	5.523	117	107591	4.255	ug/L	99
33) Benzene	5.771	78	461726	5.290	ug/L	100
34) Trichloroethene	6.539	95	122754	5.638	ug/L	98
35) Methylcyclohexane	6.761	83	153685	4.907	ug/L	99
37) 1,2-Dichloropropane	6.787	63	106120	4.695	ug/L	99
38) Bromodichloromethane	7.102	83	124473	4.517	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	126926	4.374	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	642162	54.394	ug/L	99
42) Toluene	7.967	91	1152295	12.833	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	113244	4.557	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	94239	5.549	ug/L	99
47) Tetrachloroethene	8.549	164	81522	4.886	ug/L	99
48) 2-Hexanone	8.681	43	485579	56.105	ug/L	99
49) Dibromochloromethane	8.806	129	90175	4.741	ug/L	98
50) 1,2-Dibromoethane	8.918	107	75474	4.879	ug/L	99
51) Chlorobenzene	9.443	112	258405	4.514	ug/L	99
52) Ethylbenzene	9.565	91	544096	6.233	ug/L	99
53) m,p-Xylene	9.690	106	176342	5.217	ug/L	97
54) o-Xylene	10.095	106	193409	5.970	ug/L	98
55) Styrene	10.111	104	274210	5.011	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	110236	5.197	ug/L	97
59) Bromoform	10.288	173	54243	4.510	ug/L	100
60) Isopropylbenzene	10.481	105	515364	5.618	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	74931	4.483	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	377701	5.151	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	578677	7.950	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209556	4.474	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	208772	4.469	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	241597	5.356	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	17500	4.785	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	146940	4.424	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	129721	5.129	ug/L	99
71) Naphthalene	14.082	128	390709	8.228	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	124295	4.995	ug/L	99

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

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