

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051747.D
 Acq On : 03 Nov 2022 20:47
 Operator : JC/MD
 Sample : N5407-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MSD

Quant Time: Nov 04 00:54:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192246	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57051	3.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.909	69	54055	3.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.562	65	22844	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.620	46	183121	34.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.840%
24) Chloroform-d	5.060	84	137914	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.700	65	66961	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	5.726	84	253176	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.690	67	84690	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.896	98	229623	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.179	79	28617	4.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.629	63	160930	39.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82304	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	88760	4.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	105638	5.024	ug/L	99
3) Chloromethane	1.527	50	101058	3.813	ug/L	100
5) Vinyl chloride	1.601	62	124506	4.904	ug/L	# 54
6) Bromomethane	1.851	94	15704	1.305	ug/L	100
8) Chloroethane	1.932	64	77066	4.999	ug/L	90
9) Trichlorofluoromethane	2.137	101	145890	5.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	86419	5.274	ug/L	98
12) 1,1-Dichloroethene	2.578	96	82324	4.926	ug/L	97
13) Acetone	2.623	43	144190	54.195	ug/L	99
14) Carbon disulfide	2.790	76	257923	4.787	ug/L	99
15) Methyl Acetate	2.948	43	33232	4.771	ug/L	95
16) Methylene chloride	3.044	84	102155	3.732	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	192097	5.013	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	88063	4.910	ug/L	98
19) 1,1-Dichloroethane	3.867	63	170790	5.162	ug/L	98
21) 2-Butanone	4.700	43	229315	55.038	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	98122	4.944	ug/L	99
23) Bromochloromethane	4.973	128	47444	5.113	ug/L	92
25) Chloroform	5.086	83	178026	5.187	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	106740	5.054	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	140425	5.108	ug/L	100
30) Cyclohexane	5.385	56	120196	4.748	ug/L	99
31) Carbon tetrachloride	5.523	117	118203	5.027	ug/L	100
33) Benzene	5.771	78	391854	4.904	ug/L	100
34) Trichloroethene	6.539	95	92005	4.771	ug/L	97
35) Methylcyclohexane	6.761	83	127866	4.795	ug/L	100
37) 1,2-Dichloropropane	6.790	63	103260	5.024	ug/L	100
38) Bromodichloromethane	7.105	83	127634	5.084	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	125488	4.759	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	557752	54.102	ug/L	100
42) Toluene	7.967	91	430167	5.242	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	110914	5.033	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	77258	5.130	ug/L	98
47) Tetrachloroethene	8.552	164	72696	4.922	ug/L	97
48) 2-Hexanone	8.681	43	415671	54.472	ug/L	99
49) Dibromochloromethane	8.809	129	87991	5.114	ug/L	97
50) 1,2-Dibromoethane	8.922	107	68762	5.060	ug/L	95
51) Chlorobenzene	9.446	112	258597	5.006	ug/L	99
52) Ethylbenzene	9.568	91	391775	4.948	ug/L	99
53) m,p-Xylene	9.693	106	156029	5.073	ug/L	100
54) o-Xylene	10.099	106	152556	5.075	ug/L	99
55) Styrene	10.111	104	262399	5.221	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	100397	5.376	ug/L	98
59) Bromoform	10.288	173	50906	4.783	ug/L	97
60) Isopropylbenzene	10.481	105	388072	4.615	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	67796	4.551	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96439	4.260	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	282044	4.321	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	200752	4.795	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	201149	4.792	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	194068	4.759	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	14930	4.868	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	139619	4.679	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	111431	4.864	ug/L	98
71) Naphthalene	14.086	128	190939	4.465	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	111344	4.813	ug/L	99

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

