

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061523\
 Data File : VU054535.D
 Acq On : 15 Jun 2023 18:50
 Operator : MD/SY
 Sample : 03253-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MSD

Quant Time: Jun 16 01:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	288232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	275094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	148123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63105	3.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.914	69	78509	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	30168	3.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.627	46	247155	47.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.840%
24) Chloroform-d	5.058	84	180086	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.698	65	87888	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.724	84	339079	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.685	67	117914	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	297753	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	35620	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	170863	45.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89095	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	114979	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	120602	4.478	ug/L	99
3) Chloromethane	1.518	50	140073	4.527	ug/L	98
5) Vinyl chloride	1.602	62	235851	7.427	ug/L	100
6) Bromomethane	1.859	94	85320	4.887	ug/L	98
8) Chloroethane	1.933	64	98037	5.150	ug/L	96
9) Trichlorofluoromethane	2.136	101	191563	4.907	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	108895	4.768	ug/L	95
12) 1,1-Dichloroethene	2.579	96	113170	5.413	ug/L	98
13) Acetone	2.640	43	168243	34.598	ug/L	97
14) Carbon disulfide	2.791	76	283249	4.569	ug/L	100
15) Methyl Acetate	2.955	43	38371	4.258	ug/L	99
16) Methylene chloride	3.042	84	115040	3.913	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	259837	5.035	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	114280	5.294	ug/L	99
19) 1,1-Dichloroethane	3.865	63	902715	20.209	ug/L	98
21) 2-Butanone	4.708	43	285220	45.195	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	960126	39.062	ug/L	97
23) Bromochloromethane	4.971	128	53180	5.199	ug/L	88
25) Chloroform	5.084	83	226224	5.137	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	127945	4.957	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	421583	11.302	ug/L	99
30) Cyclohexane	5.383	56	182446	4.490	ug/L	98
31) Carbon tetrachloride	5.521	117	159981	4.977	ug/L	99
33) Benzene	5.769	78	486703	4.923	ug/L	100
34) Trichloroethene	6.537	95	125823	4.813	ug/L	97
35) Methylcyclohexane	6.759	83	172164	4.357	ug/L	99
37) 1,2-Dichloropropane	6.788	63	129239	4.835	ug/L	100
38) Bromodichloromethane	7.100	83	155118	5.126	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	179265	4.912	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	696732	48.840	ug/L	99
42) Toluene	7.965	91	520844	5.116	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	145735	4.920	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	86842	5.107	ug/L	98
47) Tetrachloroethene	8.550	164	100012	4.998	ug/L	99
48) 2-Hexanone	8.679	43	511207	48.094	ug/L	100
49) Dibromochloromethane	8.807	129	95753	5.362	ug/L	99
50) 1,2-Dibromoethane	8.920	107	79855	5.115	ug/L	96
51) Chlorobenzene	9.444	112	320455	5.049	ug/L	99
52) Ethylbenzene	9.566	91	555691	4.997	ug/L	99
53) m,p-Xylene	9.692	106	208774	5.111	ug/L	98
54) o-Xylene	10.097	106	203042	5.140	ug/L	99
55) Styrene	10.110	104	351139	5.296	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	108082	5.004	ug/L	99
59) Bromoform	10.286	173	57728	5.429	ug/L	99
60) Isopropylbenzene	10.479	105	556121	5.132	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	74802	4.997	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	441016	4.988	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	453926	5.055	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	268357	5.298	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	267561	5.264	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	246545	5.293	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	16062	4.883	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	200848	5.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	168844	5.343	ug/L	99
71) Naphthalene	14.080	128	269452	5.244	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	149809	5.518	ug/L	99

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

