

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054581.D
 Acq On : 16 Jun 2023 18:36
 Operator : MD/SY
 Sample : 03284-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ6MSD

Quant Time: Jun 17 06:17:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62159	3.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	79838	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.563	65	29229	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.627	46	266543	59.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.000%
24) Chloroform-d	5.062	84	194484	5.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	5.698	65	93885	5.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	5.724	84	351916	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.685	67	121707	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.894	98	306415	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.177	79	38663	4.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	188877	57.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95566	5.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	119129	5.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	114248	4.843	ug/L	97
3) Chloromethane	1.518	50	133590	4.930	ug/L	100
5) Vinyl chloride	1.602	62	144085	5.180	ug/L	99
6) Bromomethane	1.859	94	80219	5.246	ug/L	99
8) Chloroethane	1.933	64	88386	5.301	ug/L	98
9) Trichlorofluoromethane	2.139	101	185084	5.413	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	106361	5.317	ug/L	96
12) 1,1-Dichloroethene	2.579	96	97813	5.342	ug/L	98
13) Acetone	2.637	43	163882	38.476	ug/L	96
14) Carbon disulfide	2.792	76	267099	4.919	ug/L	99
15) Methyl Acetate	2.956	43	37117	4.703	ug/L	98
16) Methylene chloride	3.046	84	111005	4.311	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	248694	5.502	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	103790	5.490	ug/L	98
19) 1,1-Dichloroethane	3.865	63	301664	7.710	ug/L	99
21) 2-Butanone	4.705	43	264871	47.916	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	141739	6.583	ug/L	96
23) Bromochloromethane	4.972	128	50173	5.600	ug/L	90
25) Chloroform	5.084	83	215243	5.580	ug/L	100

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27) 1,2-Dichloroethane	5.791	62	127205	5.626	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	208984	6.314	ug/L	99
30) Cyclohexane	5.386	56	169788	4.710	ug/L	98
31) Carbon tetrachloride	5.521	117	152674	5.353	ug/L	98
33) Benzene	5.769	78	468178	5.337	ug/L	100
34) Trichloroethene	6.537	95	157117	6.773	ug/L	97
35) Methylcyclohexane	6.759	83	166564	4.751	ug/L	99
37) 1,2-Dichloropropane	6.785	63	125201	5.279	ug/L	100
38) Bromodichloromethane	7.100	83	148309	5.524	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	169995	5.250	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	649637	51.326	ug/L	99
42) Toluene	7.965	91	492922	5.457	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	141922	5.401	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	85899	5.693	ug/L	96
47) Tetrachloroethene	8.550	164	94520	5.323	ug/L	97
48) 2-Hexanone	8.679	43	477256	50.606	ug/L	99
49) Dibromochloromethane	8.807	129	91677	5.787	ug/L	99
50) 1,2-Dibromoethane	8.920	107	76255	5.505	ug/L	100
51) Chlorobenzene	9.444	112	306732	5.447	ug/L	99
52) Ethylbenzene	9.566	91	529789	5.370	ug/L	99
53) m,p-Xylene	9.692	106	202684	5.592	ug/L	98
54) o-Xylene	10.097	106	194189	5.541	ug/L	97
55) Styrene	10.110	104	329895	5.608	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	102061	5.325	ug/L	97
59) Bromoform	10.286	173	54037	5.713	ug/L	99
60) Isopropylbenzene	10.479	105	534289	5.543	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	70443	5.290	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	423655	5.387	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	430268	5.387	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	257208	5.709	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	254937	5.638	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	235217	5.676	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	15849	5.416	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	195170	5.741	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	160706	5.717	ug/L	99
71) Naphthalene	14.080	128	244738	5.354	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	141818	5.873	ug/L	98

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

