

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056751.D
 Acq On : 11 Dec 2023 22:57
 Operator : MD/SY
 Sample : 05627-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC1MSD

Quant Time: Dec 12 01:14:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102530	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.907	69	71637	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	42513	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.621	46	208109	47.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	5.058	84	202620	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	93731	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	381383	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	117148	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	335411	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	38403	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	173234	47.357	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86115	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	115047	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	64885	2.415	ug/L	100
3) Chloromethane	1.515	50	71204	2.695	ug/L	98
5) Vinyl chloride	1.602	62	74296	2.831	ug/L	97
6) Bromomethane	1.856	94	38343	2.478	ug/L	93
8) Chloroethane	1.930	64	45096	2.934	ug/L	95
9) Trichlorofluoromethane	2.136	101	128366	3.471	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	82679	3.645	ug/L	99
12) 1,1-Dichloroethene	2.576	96	68659	3.298	ug/L	92
13) Acetone	2.631	43	146223	55.270	ug/L	99
14) Carbon disulfide	2.788	76	144684	2.003	ug/L	98
15) Methyl Acetate	2.952	43	15250	2.118	ug/L	96
16) Methylene chloride	3.039	84	86122	3.797	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	219818	4.761	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	71629	3.393	ug/L	98
19) 1,1-Dichloroethane	3.862	63	166257	4.094	ug/L	97
21) 2-Butanone	4.701	43	209170	46.883	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	91623	3.990	ug/L	99
23) Bromochloromethane	4.968	128	39621	4.121	ug/L	95
25) Chloroform	5.081	83	328800	7.729	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	102974	4.093	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	152613	4.098	ug/L	99
30) Cyclohexane	5.383	56	101891	2.915	ug/L	99
31) Carbon tetrachloride	5.518	117	112004	3.461	ug/L	100
33) Benzene	5.769	78	354479	3.915	ug/L	100
34) Trichloroethene	6.537	95	92430	3.722	ug/L	97
35) Methylcyclohexane	6.759	83	102963	2.809	ug/L	96
37) 1,2-Dichloropropane	6.785	63	98099	4.236	ug/L	100
38) Bromodichloromethane	7.100	83	98211	3.325	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	115829	3.432	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	531853	48.362	ug/L	99
42) Toluene	7.965	91	354516	3.784	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	96697	3.495	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	71322	4.555	ug/L	95
47) Tetrachloroethene	8.547	164	61383	3.532	ug/L	98
48) 2-Hexanone	8.679	43	380573	48.589	ug/L	98
49) Dibromochloromethane	8.804	129	33723	1.874	ug/L	97
50) 1,2-Dibromoethane	8.920	107	61325	4.220	ug/L	95
51) Chlorobenzene	9.441	112	247829	4.151	ug/L	99
52) Ethylbenzene	9.566	91	391235	3.786	ug/L	99
53) m,p-Xylene	9.688	106	126310	3.281	ug/L	96
54) o-Xylene	10.097	106	127768	3.483	ug/L	98
55) Styrene	10.110	104	105821	1.757	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	90930	4.807	ug/L	99
59) Bromoform	10.286	173	12300	1.251	ug/L	99
60) Isopropylbenzene	10.479	105	389684	4.097	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	62609	4.844	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	198298	2.551	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	235823	3.055	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	194933	4.333	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	189977	4.288	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	180104	4.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11781	4.565	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	138451	4.073	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	110973	4.122	ug/L	96
71) Naphthalene	14.084	128	169439	4.301	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	96168	4.208	ug/L	99

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

