

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056246.D
 Acq On : 12 Nov 2023 03:46
 Operator : MD/SY
 Sample : 05371-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP3MSD

Quant Time: Nov 12 04:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	371008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	195309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	85688	3.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	70517	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.563	65	40556	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.618	46	275609	70.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.380%#
24) Chloroform-d	5.058	84	230317	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	106253	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	434978	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.685	67	136319	5.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.894	98	389685	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.174	79	49088	4.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	251946	76.667	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	153.340%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	114598	6.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	12.190	152	148212	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	158406	4.844	ug/L	98
3) Chloromethane	1.518	50	154002	5.027	ug/L	97
5) Vinyl chloride	1.602	62	153657	4.848	ug/L	97
6) Bromomethane	1.856	94	75216	4.132	ug/L	98
8) Chloroethane	1.930	64	84875	4.939	ug/L	98
9) Trichlorofluoromethane	2.136	101	226151	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	140711	5.269	ug/L	97
12) 1,1-Dichloroethene	2.576	96	129996	5.245	ug/L	97
13) Acetone	2.628	43	182122	62.890	ug/L	99
14) Carbon disulfide	2.792	76	401550	4.755	ug/L	98
15) Methyl Acetate	2.946	43	31682	3.877	ug/L	95
16) Methylene chloride	3.042	84	137645	4.843	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	286685	5.134	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	133007	5.064	ug/L	98
19) 1,1-Dichloroethane	3.862	63	246170	5.138	ug/L	96
21) 2-Butanone	4.698	43	266267	55.753	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	148704	5.245	ug/L	96
23) Bromochloromethane	4.968	128	62783	4.991	ug/L	97
25) Chloroform	5.081	83	257977	5.053	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	145494	5.036	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	221469	5.211	ug/L	99
30) Cyclohexane	5.383	56	206329	5.196	ug/L	97
31) Carbon tetrachloride	5.518	117	194173	5.145	ug/L	99
33) Benzene	5.769	78	566208	5.330	ug/L	100
34) Trichloroethene	6.537	95	149594	5.155	ug/L	99
35) Methylcyclohexane	6.759	83	219377	5.087	ug/L	99
37) 1,2-Dichloropropane	6.785	63	145245	5.258	ug/L	100
38) Bromodichloromethane	7.100	83	176206	5.108	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	194577	4.990	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	660082	54.626	ug/L	99
42) Toluene	7.965	91	605322	5.405	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	162065	5.134	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	99274	5.257	ug/L	99
47) Tetrachloroethene	8.547	164	115348	5.296	ug/L	97
48) 2-Hexanone	8.679	43	477024	54.220	ug/L	99
49) Dibromochloromethane	8.804	129	112005	5.169	ug/L	99
50) 1,2-Dibromoethane	8.920	107	95128	5.391	ug/L	94
51) Chlorobenzene	9.441	112	382155	5.289	ug/L	98
52) Ethylbenzene	9.566	91	656373	5.378	ug/L	99
53) m,p-Xylene	9.688	106	251426	5.417	ug/L	99
54) o-Xylene	10.097	106	245778	5.524	ug/L	93
55) Styrene	10.110	104	406867	5.590	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	120468	5.428	ug/L	98
59) Bromoform	10.286	173	65600	4.836	ug/L	98
60) Isopropylbenzene	10.479	105	654411	5.168	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	81997	4.864	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	532096	5.181	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	531449	5.276	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	313319	5.224	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	310167	5.230	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	284604	5.150	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	16690	4.693	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	235249	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	190330	5.341	ug/L	98
71) Naphthalene	14.081	128	276003	5.222	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	159927	5.119	ug/L	99

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

