

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056399.D
 Acq On : 16 Nov 2023 11:52
 Operator : MD/SY
 Sample : 05372-12MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDQ6MSD

Quant Time: Nov 17 01:35:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	336753	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	332071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163187	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99817	3.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.907	69	79299	4.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.563	65	44562	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.618	46	248771	49.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.060%
24) Chloroform-d	5.055	84	218963	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	106640	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	419043	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.685	67	130942	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.894	98	381230	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	51604	4.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.627	63	223093	49.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	100780	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	134165	4.450	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	130319	4.884	ug/L	98
3) Chloromethane	1.515	50	131670	4.829	ug/L	96
5) Vinyl chloride	1.602	62	129995	4.948	ug/L	96
6) Bromomethane	1.853	94	57991	4.361	ug/L	95
8) Chloroethane	1.927	64	75351	4.695	ug/L	98
9) Trichlorofluoromethane	2.132	101	186744	4.933	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	112022	4.984	ug/L	100
12) 1,1-Dichloroethene	2.576	96	101587	4.928	ug/L	90
13) Acetone	2.627	43	144384	33.753	ug/L	97
14) Carbon disulfide	2.788	76	299725	4.468	ug/L	98
15) Methyl Acetate	2.946	43	35026	4.601	ug/L	96
16) Methylene chloride	3.039	84	114179	4.185	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	250766	5.007	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	102945	4.854	ug/L	99
19) 1,1-Dichloroethane	3.862	63	212104	5.048	ug/L	98
21) 2-Butanone	4.698	43	230755	41.572	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	121668	5.058	ug/L	95
23) Bromochloromethane	4.968	128	49946	5.045	ug/L	95
25) Chloroform	5.081	83	231753	5.091	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	132211	5.116	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	192452	5.049	ug/L	99
30) Cyclohexane	5.383	56	167642	4.634	ug/L	98
31) Carbon tetrachloride	5.518	117	161939	4.946	ug/L	98
33) Benzene	5.769	78	458728	4.841	ug/L	100
34) Trichloroethene	6.537	95	147831	5.726	ug/L	95
35) Methylcyclohexane	6.759	83	171959	4.614	ug/L	97
37) 1,2-Dichloropropane	6.785	63	121726	4.926	ug/L	100
38) Bromodichloromethane	7.100	83	153152	4.801	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	178815	4.925	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	600779	49.049	ug/L	98
42) Toluene	7.965	91	488684	4.982	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	148307	5.124	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	83918	5.099	ug/L	94
47) Tetrachloroethene	8.550	164	92951	5.339	ug/L	97
48) 2-Hexanone	8.679	43	436576	45.752	ug/L	100
49) Dibromochloromethane	8.804	129	93784	5.012	ug/L	98
50) 1,2-Dibromoethane	8.920	107	74787	4.814	ug/L	96
51) Chlorobenzene	9.441	112	310424	4.925	ug/L	100
52) Ethylbenzene	9.566	91	546906	5.021	ug/L	100
53) m,p-Xylene	9.692	106	203691	5.086	ug/L	99
54) o-Xylene	10.097	106	196866	5.061	ug/L	97
55) Styrene	10.110	104	343190	5.304	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	102103	5.081	ug/L	99
59) Bromoform	10.286	173	53355	5.249	ug/L	98
60) Isopropylbenzene	10.479	105	545125	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	71058	5.075	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	446051	5.162	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	444909	5.216	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	248419	5.189	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	242971	5.060	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	226753	5.163	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	15394	5.147	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	182254	5.057	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	150911	5.141	ug/L	100
71) Naphthalene	14.080	128	233428	5.263	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	128798	5.326	ug/L	97

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

