

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051602.D
 Acq On : 29 Oct 2022 06:05
 Operator : JC/MD
 Sample : N5276-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W5MSD

Quant Time: Oct 29 06:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222696	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66250	3.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.909	69	65470	3.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.562	65	25223	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.649	46	154840	25.491	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.980%
24) Chloroform-d	5.060	84	150437	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	5.700	65	73270	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
32) Benzene-d6	5.726	84	269032	3.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.690	67	91157	3.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.896	98	227938	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.179	79	23194	3.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.200%
46) 2-Hexanone-d5	8.636	63	147429	31.756	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	85687	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85560	4.080	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	111811	4.591	ug/L	100
3) Chloromethane	1.520	50	137870	4.491	ug/L	100
5) Vinyl chloride	1.597	62	135090	4.593	ug/L #	10
6) Bromomethane	1.855	94	27052	1.940	ug/L	96
8) Chloroethane	1.929	64	85297	4.776	ug/L #	81
9) Trichlorofluoromethane	2.134	101	148954	4.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	81698	4.304	ug/L	98
12) 1,1-Dichloroethene	2.575	96	89498	4.623	ug/L	97
13) Acetone	2.665	43	87128	28.270	ug/L	80
14) Carbon disulfide	2.787	76	330295	5.292	ug/L	100
15) Methyl Acetate	2.967	43	13094	1.623	ug/L #	85
16) Methylene chloride	3.041	84	107551	3.392	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	195609	4.406	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	93749	4.512	ug/L	99
19) 1,1-Dichloroethane	3.864	63	176977	4.618	ug/L	99
21) 2-Butanone	4.729	43	173023	35.849	ug/L	90
22) cis-1,2-Dichloroethene	4.665	96	99039	4.308	ug/L	99
23) Bromochloromethane	4.973	128	47692	4.437	ug/L	97
25) Chloroform	5.086	83	183018	4.603	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109684	4.483	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	141218	4.550	ug/L	99
30) Cyclohexane	5.385	56	125931	4.407	ug/L	100
31) Carbon tetrachloride	5.520	117	118707	4.472	ug/L	99
33) Benzene	5.771	78	414510	4.595	ug/L	100
34) Trichloroethene	6.539	95	93476	4.294	ug/L	99
35) Methylcyclohexane	6.761	83	119687	3.977	ug/L	97
37) 1,2-Dichloropropane	6.790	63	105598	4.551	ug/L	100
38) Bromodichloromethane	7.105	83	129704	4.577	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	106549	3.580	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	528450	45.413	ug/L	99
42) Toluene	7.967	91	440591	4.756	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	90254	3.628	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	77391	4.552	ug/L	98
47) Tetrachloroethene	8.552	164	70823	4.248	ug/L	98
48) 2-Hexanone	8.687	43	378136	43.901	ug/L	94
49) Dibromochloromethane	8.806	129	89755	4.621	ug/L	96
50) 1,2-Dibromoethane	8.922	107	70428	4.592	ug/L	94
51) Chlorobenzene	9.443	112	259392	4.449	ug/L	99
52) Ethylbenzene	9.568	91	393608	4.404	ug/L	100
53) m,p-Xylene	9.694	106	158228	4.558	ug/L	100
54) o-Xylene	10.099	106	155676	4.588	ug/L	99
55) Styrene	10.111	104	260468	4.592	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	101143	4.798	ug/L	98
59) Bromoform	10.288	173	47498	4.499	ug/L	99
60) Isopropylbenzene	10.481	105	382310	4.584	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	70300	4.758	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	95581	4.257	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	280271	4.329	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	190778	4.594	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	187185	4.496	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	191670	4.739	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13717	4.509	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	125505	4.240	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	96867	4.263	ug/L	99
71) Naphthalene	14.082	128	185873	4.382	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	103745	4.522	ug/L	99

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

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