

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053411.D
 Acq On : 24 Mar 2023 23:37
 Operator : JC/MD
 Sample : 02053-08MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF73MS

Quant Time: Mar 25 00:44:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	140402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	70349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44863	4.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.916	69	43034	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.565	65	19224	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.636	46	118398	53.508	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	5.057	84	93193	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.697	65	46727	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.723	84	184409	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.687	67	56567	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.893	98	173328	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.176	79	21352	4.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.629	63	93022	50.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51126	5.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	63464	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46585	4.624	ug/L	98
3) Chloromethane	1.520	50	50945	5.026	ug/L	99
5) Vinyl chloride	1.604	62	54430	4.762	ug/L	97
6) Bromomethane	1.858	94	32871	4.541	ug/L	97
8) Chloroethane	1.935	64	33268	5.008	ug/L	98
9) Trichlorofluoromethane	2.137	101	76530	4.434	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40410	4.620	ug/L	99
12) 1,1-Dichloroethene	2.578	96	37822	4.758	ug/L	93
13) Acetone	2.652	43	57571	43.843	ug/L #	48
14) Carbon disulfide	2.793	76	110973	4.757	ug/L	97
15) Methyl Acetate	2.957	43	15723	5.104	ug/L	94
16) Methylene chloride	3.044	84	43385	4.156	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	96879	5.027	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	39012	4.725	ug/L	97
19) 1,1-Dichloroethane	3.864	63	76165	5.007	ug/L	98
21) 2-Butanone	4.713	43	92369	45.302	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	48307	4.342	ug/L	96
23) Bromochloromethane	4.970	128	20072	5.098	ug/L	98
25) Chloroform	5.083	83	78247	5.001	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	50224	5.124	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	66151	4.911	ug/L	99
30) Cyclohexane	5.385	56	65400	4.557	ug/L	100
31) Carbon tetrachloride	5.523	117	53906	4.730	ug/L	99
33) Benzene	5.771	78	174104	4.763	ug/L	100
34) Trichloroethene	6.539	95	45609	4.685	ug/L	95
35) Methylcyclohexane	6.758	83	70193	4.202	ug/L	95
37) 1,2-Dichloropropane	6.787	63	45939	4.759	ug/L	100
38) Bromodichloromethane	7.102	83	53252	4.968	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	67613	4.742	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	233372	49.409	ug/L	98
42) Toluene	7.964	91	192469	4.819	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	53057	4.573	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	33285	4.857	ug/L	92
47) Tetrachloroethene	8.549	164	31679	4.429	ug/L	95
48) 2-Hexanone	8.681	43	171663	49.153	ug/L	97
49) Dibromochloromethane	8.806	129	33329	4.918	ug/L	94
50) 1,2-Dibromoethane	8.919	107	31790	4.803	ug/L #	92
51) Chlorobenzene	9.443	112	124815	4.954	ug/L	98
52) Ethylbenzene	9.565	91	210477	4.834	ug/L	95
53) m,p-Xylene	9.690	106	81657	4.920	ug/L	100
54) o-Xylene	10.095	106	79028	5.018	ug/L	99
55) Styrene	10.108	104	127339	4.925	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	41863	4.837	ug/L	94
59) Bromoform	10.288	173	16456	4.543	ug/L	98
60) Isopropylbenzene	10.478	105	208280	4.874	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	29239	5.016	ug/L	97
62) 1,3,5-Trimethylbenzene	11.082	105	166431	4.800	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	171542	4.831	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	91381	4.864	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	93847	4.975	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	85308	4.790	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5466	4.836	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.214	180	58419	4.454	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	47830	4.587	ug/L	96
71) Naphthalene	14.082	128	95293	4.851	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	43033	4.728	ug/L	95

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

