

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054206.D
 Acq On : 19 May 2023 08:34
 Operator : JC/MD
 Sample : 02843-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY5MS

Quant Time: May 19 09:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	185349	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	176336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	98284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43913	4.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.912	69	33352	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.565	65	19572	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.629	46	86233	48.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.780%
24) Chloroform-d	5.060	84	86833	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.697	65	39506	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.722	84	163479	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.684	67	48554	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.893	98	154368	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.173	79	18525	4.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.629	63	64988	52.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37506	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.185	152	57832	4.822	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	64575	4.608	ug/L	99
3) Chloromethane	1.517	50	65146	5.015	ug/L	94
5) Vinyl chloride	1.604	62	67352	4.881	ug/L	90
6) Bromomethane	1.858	94	35359	4.223	ug/L	93
8) Chloroethane	1.935	64	40494	4.632	ug/L	97
9) Trichlorofluoromethane	2.134	101	104790	4.780	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	60310	4.745	ug/L	97
12) 1,1-Dichloroethene	2.578	96	54839	4.834	ug/L	97
13) Acetone	2.642	43	88023	36.309	ug/L	98
14) Carbon disulfide	2.790	76	137194	4.814	ug/L	99
15) Methyl Acetate	2.954	43	17840	4.105	ug/L	99
16) Methylene chloride	3.041	84	62072	4.180	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	149436	5.232	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	56912	4.932	ug/L	97
19) 1,1-Dichloroethane	3.864	63	116470	5.041	ug/L	95
21) 2-Butanone	4.706	43	141088	43.937	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	65763	4.874	ug/L	98
23) Bromochloromethane	4.970	128	29050	4.929	ug/L	98
25) Chloroform	5.083	83	122345	4.882	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	70393	4.885	ug/L	99
29) 1,1,1-Trichloroethane	5.308	97	107145	4.854	ug/L	99
30) Cyclohexane	5.382	56	85794	4.775	ug/L	97
31) Carbon tetrachloride	5.520	117	92324	4.823	ug/L	98
33) Benzene	5.767	78	244841	4.906	ug/L	100
34) Trichloroethene	6.539	95	66412	4.948	ug/L	95
35) Methylcyclohexane	6.758	83	88936	4.531	ug/L	98
37) 1,2-Dichloropropane	6.787	63	65163	4.972	ug/L #	97
38) Bromodichloromethane	7.099	83	82254	4.957	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	91508	4.687	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	341706	51.223	ug/L	99
42) Toluene	7.964	91	268233	5.086	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	74464	4.646	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	46913	4.967	ug/L	98
47) Tetrachloroethene	8.549	164	54097	4.904	ug/L	95
48) 2-Hexanone	8.681	43	244076	48.391	ug/L	99
49) Dibromochloromethane	8.803	129	51463	4.881	ug/L	98
50) 1,2-Dibromoethane	8.918	107	44016	5.071	ug/L	99
51) Chlorobenzene	9.443	112	171741	4.816	ug/L	97
52) Ethylbenzene	9.565	91	289305	4.923	ug/L	98
53) m,p-Xylene	9.687	106	109941	4.925	ug/L	96
54) o-Xylene	10.095	106	110513	5.013	ug/L	100
55) Styrene	10.108	104	145122	4.026	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	58928	5.254	ug/L	100
59) Bromoform	10.285	173	31531	4.989	ug/L	98
60) Isopropylbenzene	10.478	105	294749	4.915	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	40492	5.082	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	236928	4.840	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	244914	5.013	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	142167	4.749	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	146846	4.938	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	134112	4.882	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	8587	5.041	ug/L	85
69) 1,3,5-Trichlorobenzene	13.214	180	104726	4.689	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	87540	4.734	ug/L	100
71) Naphthalene	14.082	128	133382	4.987	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	79830	5.101	ug/L	100

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

