

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046577.D
 Acq On : 23 Dec 2021 19:49
 Operator : SY/MD
 Sample : M5175-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY5MS

Quant Time: Dec 24 04:57:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81701	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22052	3.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.919	69	19163	3.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.571	65	9559	3.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.655	46	100145	52.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.760%
24) Chloroform-d	5.070	84	53265	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.706	65	30141	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.732	84	90922	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.694	67	29310	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.899	98	79816	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.182	79	13020	4.113	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.639	63	95377	51.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33118	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	33505	4.241	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64451	5.081	ug/L	99
3) Chloromethane	1.523	50	50436	4.617	ug/L	99
5) Vinyl chloride	1.607	62	51679	4.805	ug/L	99
6) Bromomethane	1.864	94	30550	4.719	ug/L	100
8) Chloroethane	1.941	64	30213	4.785	ug/L	99
9) Trichlorofluoromethane	2.144	101	73489	5.224	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37158	5.189	ug/L	93
12) 1,1-Dichloroethene	2.584	96	37274	5.112	ug/L #	77
13) Acetone	2.678	43	83011	46.749	ug/L	93
14) Carbon disulfide	2.800	76	123351	5.179	ug/L	99
15) Methyl Acetate	2.967	43	16879	4.706	ug/L	92
16) Methylene chloride	3.054	84	41466	4.674	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	108456	5.099	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	39052	5.020	ug/L	96
19) 1,1-Dichloroethane	3.874	63	71617	4.997	ug/L	98
21) 2-Butanone	4.732	43	141222	52.421	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	46023	5.413	ug/L	97
23) Bromochloromethane	4.980	128	20632	4.875	ug/L	89
25) Chloroform	5.092	83	76264	4.926	ug/L	97

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27) 1,2-Dichloroethane	5.800	62	55342	5.008	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	69784	5.165	ug/L	97
30) Cyclohexane	5.391	56	58404	5.226	ug/L	95
31) Carbon tetrachloride	5.530	117	60145	5.306	ug/L	98
33) Benzene	5.777	78	164391	5.064	ug/L	100
34) Trichloroethene	6.546	95	42556	4.973	ug/L	98
35) Methylcyclohexane	6.767	83	62223	5.157	ug/L	96
37) 1,2-Dichloropropane	6.793	63	41149	4.969	ug/L	98
38) Bromodichloromethane	7.108	83	56492	4.929	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	61949	4.942	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	310301	49.922	ug/L	96
42) Toluene	7.970	91	178820	5.367	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	57211	4.925	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	35291	4.942	ug/L	96
47) Tetrachloroethene	8.555	164	32142	5.308	ug/L	95
48) 2-Hexanone	8.687	43	228881	49.307	ug/L	97
49) Dibromochloromethane	8.812	129	40969	4.974	ug/L	99
50) 1,2-Dibromoethane	8.925	107	34588	5.018	ug/L #	97
51) Chlorobenzene	9.449	112	109302	5.132	ug/L	99
52) Ethylbenzene	9.571	91	184652	5.354	ug/L	100
53) m,p-Xylene	9.697	106	72152	5.461	ug/L	94
54) o-Xylene	10.102	106	70503	5.553	ug/L	94
55) Styrene	10.115	104	121620	5.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	47368	5.076	ug/L	94
59) Bromoform	10.291	173	24603	4.966	ug/L	97
60) Isopropylbenzene	10.484	105	184910	5.591	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	34805	4.887	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	153501	5.581	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	156891	5.664	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	86136	5.358	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	86504	5.256	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	83696	5.190	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8082	4.902	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	63656	5.232	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	54650	5.303	ug/L	99
71) Naphthalene	14.086	128	122740	5.363	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55001	5.391	ug/L	99

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

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