

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046546.D
 Acq On : 22 Dec 2021 00:33
 Operator : SY/MD
 Sample : M5149-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBT5MSD

Quant Time: Dec 22 05:49:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90931	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31607	4.413	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.919	69	25694	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.572	65	13639	4.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.658	46	110167	53.027	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.060%
24) Chloroform-d	5.070	84	61088	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.706	65	35866	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.732	84	115432	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.694	67	35806	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	105076	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	16355	4.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.636	63	109383	53.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37489	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42408	4.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	72089	5.181	ug/L	99
3) Chloromethane	1.523	50	54353	4.536	ug/L	98
5) Vinyl chloride	1.607	62	56056	4.751	ug/L	100
6) Bromomethane	1.864	94	26868	3.784	ug/L	98
8) Chloroethane	1.941	64	31641	4.569	ug/L	100
9) Trichlorofluoromethane	2.147	101	77570	5.027	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40895	5.206	ug/L	96
12) 1,1-Dichloroethene	2.588	96	38941	4.868	ug/L #	78
13) Acetone	2.678	43	84104	43.178	ug/L	53
14) Carbon disulfide	2.800	76	129573	4.959	ug/L	99
15) Methyl Acetate	2.967	43	15752	4.004	ug/L #	83
16) Methylene chloride	3.054	84	43774	4.498	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	114353	4.901	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	41779	4.896	ug/L	93
19) 1,1-Dichloroethane	3.877	63	72622	4.620	ug/L	98
21) 2-Butanone	4.735	43	136844	46.306	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	50591	5.424	ug/L	99
23) Bromochloromethane	4.980	128	21645	4.663	ug/L	91
25) Chloroform	5.092	83	77974	4.592	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046546.D
 Acq On : 22 Dec 2021 00:33
 Operator : SY/MD
 Sample : M5149-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBT5MSD

Quant Time: Dec 22 05:49:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	55674	4.592	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	70969	4.771	ug/L	97
30) Cyclohexane	5.391	56	79983	6.500	ug/L	94
31) Carbon tetrachloride	5.530	117	61181	4.902	ug/L	100
33) Benzene	5.777	78	169069	4.730	ug/L	100
34) Trichloroethene	6.546	95	95728	10.160	ug/L	98
35) Methylcyclohexane	6.767	83	72950	5.491	ug/L	96
37) 1,2-Dichloropropane	6.793	63	42432	4.654	ug/L	99
38) Bromodichloromethane	7.108	83	57994	4.596	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	64881	4.701	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	331720	48.472	ug/L	96
42) Toluene	7.970	91	186254	5.077	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	60257	4.712	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	36704	4.668	ug/L	97
47) Tetrachloroethene	8.555	164	33580	5.037	ug/L	96
48) 2-Hexanone	8.690	43	248483	48.618	ug/L	97
49) Dibromochloromethane	8.812	129	41824	4.612	ug/L	99
50) 1,2-Dibromoethane	8.925	107	36279	4.780	ug/L	97
51) Chlorobenzene	9.449	112	114495	4.883	ug/L	99
52) Ethylbenzene	9.571	91	198207	5.220	ug/L	98
53) m,p-Xylene	9.697	106	78469	5.394	ug/L	96
54) o-Xylene	10.102	106	75057	5.369	ug/L	96
55) Styrene	10.115	104	128990	5.320	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	50187	4.885	ug/L	95
59) Bromoform	10.291	173	25953	4.813	ug/L	99
60) Isopropylbenzene	10.484	105	200302	5.565	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37457	4.832	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	166137	5.550	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	171953	5.704	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	91541	5.232	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	90939	5.077	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	89046	5.074	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	9198	5.126	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	68628	5.182	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	61318	5.467	ug/L	99
71) Naphthalene	14.086	128	144854	5.815	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	60335	5.433	ug/L	99

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

