

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044306.D
 Acq On : 02 Jul 2021 16:17
 Operator : SY/MD
 Sample : M2914-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK45MSD

Quant Time: Jul 03 05:01:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	140477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	131949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25385	3.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.919	69	30166	4.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.575	65	14250	3.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.642	46	135237	48.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.580%
24) Chloroform-d	5.073	84	76983	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.710	65	42647	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.735	84	142048	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.700	67	47762	4.497	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.906	98	133669	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.185	79	19468	3.952	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.642	63	115680	49.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43366	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	55917	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36205	4.376	ug/L	99
3) Chloromethane	1.523	50	42186	4.409	ug/L	98
5) Vinyl chloride	1.607	62	46316	4.665	ug/L	# 54
6) Bromomethane	1.864	94	25141	3.949	ug/L	99
8) Chloroethane	1.941	64	34527	5.111	ug/L	86
9) Trichlorofluoromethane	2.144	101	75441	5.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	43522	5.230	ug/L	98
12) 1,1-Dichloroethene	2.587	96	38385	4.732	ug/L	96
13) Acetone	2.645	43	81378	64.983	ug/L	93
14) Carbon disulfide	2.800	76	97011	3.883	ug/L	99
15) Methyl Acetate	2.964	43	18609	5.289	ug/L	96
16) Methylene chloride	3.054	84	43539	3.983	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	121849	5.065	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	40918	4.739	ug/L	99
19) 1,1-Dichloroethane	3.880	63	83487	5.070	ug/L	100
21) 2-Butanone	4.719	43	152191	53.494	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	48643	5.149	ug/L	93
23) Bromochloromethane	4.986	128	22290	5.180	ug/L	89
25) Chloroform	5.099	83	86713	4.932	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57748	4.927	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	78690	5.294	ug/L	99
30) Cyclohexane	5.398	56	69309	4.520	ug/L	96
31) Carbon tetrachloride	5.533	117	67789	5.352	ug/L	100
33) Benzene	5.783	78	177993	5.142	ug/L	100
34) Trichloroethene	6.549	95	45779	4.883	ug/L	97
35) Methylcyclohexane	6.771	83	74066	4.785	ug/L	97
37) 1,2-Dichloropropane	6.800	63	48817	5.340	ug/L	99
38) Bromodichloromethane	7.115	83	66281	5.157	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	76584	5.102	ug/L	99
40) 4-Methyl-2-pentanone	7.799	43	386345	52.589	ug/L	99
42) Toluene	7.976	91	196845	5.164	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	67484	4.902	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	37097	5.391	ug/L	99
47) Tetrachloroethene	8.558	164	36781	5.307	ug/L	96
48) 2-Hexanone	8.693	43	281497	54.374	ug/L	99
49) Dibromochloromethane	8.816	129	47060	5.388	ug/L	98
50) 1,2-Dibromoethane	8.931	107	36420	5.479	ug/L	98
51) Chlorobenzene	9.452	112	130664	5.352	ug/L	99
52) Ethylbenzene	9.578	91	228090	5.183	ug/L	99
53) m,p-Xylene	9.700	106	87752	5.266	ug/L	100
54) o-Xylene	10.105	106	86214	5.323	ug/L	100
55) Styrene	10.121	104	147654	5.198	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	49324	5.403	ug/L	99
59) Bromoform	10.298	173	27214	5.342	ug/L	99
60) Isopropylbenzene	10.491	105	238815	5.457	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	35753	5.503	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	204542	5.364	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	209241	5.365	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	109836	5.560	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	107953	5.420	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	103526	5.572	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8817	5.195	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	83000	5.513	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	71716	5.625	ug/L	98
71) Naphthalene	14.092	128	139422	6.040	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	64343	5.843	ug/L	99

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

