

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044260.D
 Acq On : 30 Jun 2021 14:22
 Operator : SY/MD
 Sample : M2905-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK22MSD

Quant Time: Jul 01 02:37:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	152848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	145197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36162	4.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.916	69	36418	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.572	65	18497	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.629	46	125520	41.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	5.073	84	88842	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.710	65	49798	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.735	84	177058	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.697	67	56780	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.903	98	167857	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.186	79	23680	4.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.639	63	112307	43.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46970	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	70227	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41485	4.609	ug/L	99
3) Chloromethane	1.527	50	45515	4.372	ug/L	100
5) Vinyl chloride	1.607	62	50258	4.653	ug/L	99
6) Bromomethane	1.861	94	31417	4.535	ug/L	97
8) Chloroethane	1.938	64	34031	4.630	ug/L	97
9) Trichlorofluoromethane	2.141	101	79423	5.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	45940	5.074	ug/L	96
12) 1,1-Dichloroethene	2.584	96	41322	4.682	ug/L	95
13) Acetone	2.633	43	74386	54.592	ug/L	92
14) Carbon disulfide	2.800	76	108060	3.976	ug/L	100
15) Methyl Acetate	2.957	43	19338	5.052	ug/L	98
16) Methylene chloride	3.054	84	46779	3.933	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	124117	4.742	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	45166	4.808	ug/L	99
19) 1,1-Dichloroethane	3.877	63	88681	4.949	ug/L	99
21) 2-Butanone	4.710	43	132736	42.880	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	52360	5.094	ug/L	92
23) Bromochloromethane	4.983	128	23396	4.997	ug/L	90
25) Chloroform	5.096	83	93631	4.894	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61095	4.791	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	83498	5.105	ug/L	99
30) Cyclohexane	5.395	56	75644	4.483	ug/L	99
31) Carbon tetrachloride	5.533	117	75227	5.397	ug/L	99
33) Benzene	5.780	78	188873	4.959	ug/L	100
34) Trichloroethene	6.549	95	51616	5.004	ug/L	94
35) Methylcyclohexane	6.771	83	83251	4.888	ug/L	97
37) 1,2-Dichloropropane	6.800	63	51698	5.139	ug/L	99
38) Bromodichloromethane	7.112	83	71345	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	81481	4.933	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	359890	44.518	ug/L	100
42) Toluene	7.977	91	214461	5.113	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	72423	4.781	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	37161	4.908	ug/L	100
47) Tetrachloroethene	8.559	164	41852	5.488	ug/L	93
48) 2-Hexanone	8.690	43	253827	44.556	ug/L	99
49) Dibromochloromethane	8.816	129	49576	5.159	ug/L	99
50) 1,2-Dibromoethane	8.928	107	36070	4.931	ug/L	98
51) Chlorobenzene	9.452	112	144698	5.386	ug/L	99
52) Ethylbenzene	9.575	91	249535	5.153	ug/L	99
53) m,p-Xylene	9.700	106	96277	5.251	ug/L	98
54) o-Xylene	10.105	106	93772	5.261	ug/L	97
55) Styrene	10.118	104	161632	5.171	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	47575	4.736	ug/L	99
59) Bromoform	10.298	173	29705	5.069	ug/L	98
60) Isopropylbenzene	10.491	105	257095	5.107	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	34334	4.594	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	222042	5.062	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	229259	5.110	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	122917	5.409	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	121782	5.315	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	113100	5.292	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8832	4.524	ug/L	84
69) 1,3,5-Trichlorobenzene	13.224	180	100782	5.820	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	85532	5.832	ug/L	99
71) Naphthalene	14.092	128	141034	5.312	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	73558	5.807	ug/L	99

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

