

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044259.D
 Acq On : 30 Jun 2021 13:58
 Operator : SY/MD
 Sample : M2905-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK22MS

Quant Time: Jul 01 02:37:35 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	138977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	133905	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36634	4.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.916	69	37137	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.571	65	18797	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.629	46	125459	45.278	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.560%
24) Chloroform-d	5.073	84	88021	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.710	65	49688	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.735	84	177848	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.700	67	57408	5.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.906	98	168168	5.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
43) trans-1,3-Dichloroprop...	8.185	79	23559	4.713	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.639	63	109399	45.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.880%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47380	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	70576	5.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40870	4.994	ug/L	99
3) Chloromethane	1.526	50	44729	4.725	ug/L	99
5) Vinyl chloride	1.607	62	49696	5.060	ug/L	100
6) Bromomethane	1.861	94	30727	4.878	ug/L	100
8) Chloroethane	1.938	64	33538	5.019	ug/L	98
9) Trichlorofluoromethane	2.141	101	78253	5.705	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46305	5.624	ug/L	96
12) 1,1-Dichloroethene	2.584	96	41544	5.177	ug/L	97
13) Acetone	2.633	43	71611	57.801	ug/L	92
14) Carbon disulfide	2.800	76	108469	4.389	ug/L	98
15) Methyl Acetate	2.957	43	18395	5.285	ug/L	100
16) Methylene chloride	3.054	84	46766	4.324	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	122392	5.143	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	43493	5.092	ug/L	100
19) 1,1-Dichloroethane	3.880	63	88073	5.406	ug/L	100
21) 2-Butanone	4.710	43	129200	45.903	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	51334	5.493	ug/L	92
23) Bromochloromethane	4.983	128	22652	5.321	ug/L	88
25) Chloroform	5.099	83	93011	5.347	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59664	5.146	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	81304	5.390	ug/L	99
30) Cyclohexane	5.398	56	75049	4.823	ug/L	97
31) Carbon tetrachloride	5.533	117	73519	5.719	ug/L	99
33) Benzene	5.784	78	186033	5.296	ug/L	100
34) Trichloroethene	6.549	95	51185	5.380	ug/L	95
35) Methylcyclohexane	6.771	83	79868	5.085	ug/L	98
37) 1,2-Dichloropropane	6.800	63	50883	5.485	ug/L	100
38) Bromodichloromethane	7.111	83	67842	5.202	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	81773	5.368	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	340434	45.663	ug/L	99
42) Toluene	7.976	91	210880	5.451	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	71244	5.100	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	36271	5.194	ug/L	97
47) Tetrachloroethene	8.558	164	40854	5.809	ug/L	94
48) 2-Hexanone	8.690	43	244345	46.508	ug/L	99
49) Dibromochloromethane	8.816	129	47716	5.384	ug/L	98
50) 1,2-Dibromoethane	8.928	107	34730	5.149	ug/L	95
51) Chlorobenzene	9.452	112	141146	5.697	ug/L	98
52) Ethylbenzene	9.578	91	246314	5.516	ug/L	100
53) m,p-Xylene	9.700	106	95502	5.648	ug/L	99
54) o-Xylene	10.105	106	92513	5.628	ug/L	99
55) Styrene	10.121	104	157736	5.472	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	45224	4.881	ug/L	98
59) Bromoform	10.295	173	28858	5.378	ug/L	99
60) Isopropylbenzene	10.491	105	252731	5.483	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	33253	4.859	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	219782	5.472	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	224799	5.472	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	119613	5.748	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	118414	5.644	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	110072	5.625	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8273	4.628	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	96198	6.067	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	78070	5.813	ug/L	99
71) Naphthalene	14.092	128	119788	4.927	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	67014	5.777	ug/L	98

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

