

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044280.D
 Acq On : 01 Jul 2021 12:44
 Operator : SY/MD
 Sample : M2905-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK35

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 6:43:25 PM

Quant Time: Jul 02 01:50:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.269	114	144829	5.000	ug/L	0.01
28) Chlorobenzene-d5	9.426	117	132820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	72184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34898	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.916	69	36014	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.568	65	18815	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.710	46	127847	44.275	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.560%
24) Chloroform-d	5.092	84	85082	4.820	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.729	65	48787	4.624	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.748	84	167039	5.064	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.710	67	54862	5.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.909	98	152084	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.192	79	21656	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.648	63	122260	51.765	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44825	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	62012	5.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	21141	2.066	ug/L	88
13) Acetone	2.729	43	12352m	9.567	ug/L	
18) trans-1,2-Dichloroethene	3.362	96	17987	2.021	ug/L	95
19) 1,1-Dichloroethane	3.890	63	24321	1.433	ug/L	97
22) cis-1,2-Dichloroethene	4.697	96	19335	1.985	ug/L	98
30) Cyclohexane	5.401	56	3329	0.216	ug/L	94
33) Benzene	5.793	78	284011	8.151	ug/L	100
34) Trichloroethene	6.555	95	1262	0.134	ug/L	98
35) Methylcyclohexane	6.771	83	2199	0.141	ug/L #	65
40) 4-Methyl-2-pentanone	7.812	43	8868	1.199	ug/L #	88
42) Toluene	7.983	91	10266	0.268	ug/L	97
51) Chlorobenzene	9.455	112	38456	1.565	ug/L	98
52) Ethylbenzene	9.578	91	3730	0.084	ug/L	92
53) m,p-Xylene	9.700	106	3476	0.207	ug/L	91
54) o-Xylene	10.105	106	1752	0.107	ug/L	95
60) Isopropylbenzene	10.491	105	33451	0.762	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	18880	0.494	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	8187	0.209	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	1962	0.099	ug/L #	78

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65) 1,4-Dichlorobenzene	11.841	146	3800	0.190	ug/L #	72
67) 1,2-Dichlorobenzene	12.217	146	3158	0.169	ug/L #	84

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

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