

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044286.D
 Acq On : 01 Jul 2021 15:13
 Operator : SY/MD
 Sample : M2905-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK28

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 6:43:31 PM

Quant Time: Jul 02 03:41:42 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	6.308	114	132979	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.433	117	125394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	72681	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.652	65	32262	4.481	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.964	69	33540	4.731	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.620	65	18062	4.888	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.761	46	113505	42.811	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.620%
24) Chloroform-d	5.128	84	75284	4.645	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.780	65	42603	4.397	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.800	84	149954	4.815	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.745	67	49211	4.876	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.928	98	140918	4.876	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.208	79	19369	4.137	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.661	63	114100	51.171	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	43281	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.205	152	67037	5.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.633	96	5310	0.692	ug/L	# 1
13) Acetone	2.800	43	14766m	12.456	ug/L	
16) Methylene chloride	3.109	84	3613	0.349	ug/L	96
18) trans-1,2-Dichloroethene	3.414	96	8607	1.053	ug/L	90
19) 1,1-Dichloroethane	3.932	63	67166	4.309	ug/L	97
22) cis-1,2-Dichloroethene	4.719	96	87368	9.770	ug/L	95
29) 1,1,1-Trichloroethane	5.379	97	2326	0.165	ug/L	97
30) Cyclohexane	5.449	56	9508	0.652	ug/L	97
33) Benzene	5.845	78	124364	3.781	ug/L	100
34) Trichloroethene	6.594	95	2986	0.335	ug/L	94
35) Methylcyclohexane	6.806	83	14555	0.990	ug/L	98
37) 1,2-Dichloropropane	6.841	63	5614	0.646	ug/L	98
40) 4-Methyl-2-pentanone	7.835	43	23807	3.410	ug/L	99
42) Toluene	7.999	91	497818	13.742	ug/L	100
51) Chlorobenzene	9.465	112	12212	0.526	ug/L	96
52) Ethylbenzene	9.587	91	305062	7.295	ug/L	99
53) m,p-Xylene	9.706	106	379416	23.960	ug/L	100
54) o-Xylene	10.115	106	295096	19.171	ug/L	96
60) Isopropylbenzene	10.494	105	158072	3.577	ug/L	# 54

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.099	105	1135255	29.481	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	2200260	55.863	ug/L	99
65) 1,4-Dichlorobenzene	11.851	146	5682	0.282	ug/L #	89
67) 1,2-Dichlorobenzene	12.224	146	3262	0.174	ug/L #	73

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

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