

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044288.D
 Acq On : 01 Jul 2021 16:02
 Operator : SY/MD
 Sample : M2905-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK32

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 6:43:33 PM

Quant Time: Jul 02 01:53:10 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	6.301	114	132991	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.433	117	124842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	75841	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.633	65	31691	4.401	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.951	69	34114	4.812	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.607	65	18598	5.032	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.752	46	111602	42.090	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.180%
24) Chloroform-d	5.137	84	75449	4.655	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.774	65	43265	4.465	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.793	84	148545	4.791	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.739	67	48055	4.782	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.925	98	137021	4.762	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.205	79	19518	4.188	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.658	63	112923	50.867	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.740%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	43479m	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.201	152	64816	5.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.639	62	47856	5.092	ug/L #	24
8) Chloroethane	1.974	64	5521	0.863	ug/L #	57
13) Acetone	2.771	43	13654m	11.517	ug/L	
14) Carbon disulfide	2.835	76	5826	0.246	ug/L #	87
18) trans-1,2-Dichloroethene	3.395	96	19353	2.368	ug/L	93
19) 1,1-Dichloroethane	3.916	63	165000	10.584	ug/L	99
22) cis-1,2-Dichloroethene	4.723	96	8088	0.904	ug/L	85
30) Cyclohexane	5.459	56	13641	0.940	ug/L	95
33) Benzene	5.838	78	566635	17.302	ug/L	100
34) Trichloroethene	6.584	95	545	0.061	ug/L	95
35) Methylcyclohexane	6.806	83	9539	0.651	ug/L	92
37) 1,2-Dichloropropane	6.838	63	32197	3.723	ug/L	99
40) 4-Methyl-2-pentanone	7.829	43	10167	1.463	ug/L #	85
42) Toluene	7.996	91	207116	5.743	ug/L	99
51) Chlorobenzene	9.462	112	54416	2.356	ug/L	98
52) Ethylbenzene	9.584	91	691107	16.599	ug/L	100
53) m,p-Xylene	9.706	106	570172	36.165	ug/L	100
54) o-Xylene	10.111	106	61146	3.990	ug/L	95
60) Isopropylbenzene	10.494	105	294765	6.392	ug/L	99

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61) 1,2,3-Trichloropropane	10.835	75	1519m	0.222	ug/L	
62) 1,3,5-Trimethylbenzene	11.099	105	1261793	31.402	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	2622935	63.820	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	2993	0.144	ug/L #	47
65) 1,4-Dichlorobenzene	11.845	146	9864	0.470	ug/L #	81
67) 1,2-Dichlorobenzene	12.221	146	6810	0.348	ug/L #	67

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

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