Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
Data File : VV023922.D
Acq On : 11 Dec 2021 05:49
Operator : SY/MD
Sample : M5005-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 11 06:51:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EW211

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.892	117	132671	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.310	152	85825m	5.000	ug/L	0.06
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24042	4.027	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.600%			
7) Chloroethane-d5	1.568	69	22215	4.459	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.200%			
11) 1,1-Dichloroethene-d2	2.111	63	33135	2.843	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.800%#			
20) 2-Butanone-d5	3.902	46	71436	61.238	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.480%			
24) Chloroform-d	4.352	84	59675	4.412	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	5.037	65	29892	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.053	84	100974	3.843	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.800%			
36) 1,2-Dichloropropane-d6	6.072	67	32807	4.138	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.800%			
41) Toluene-d8	7.320	98	82886	3.504	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.000%			
43) trans-1,3-Dichloroprop...	7.628	79	12769	3.882	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.600%			
46) 2-Hexanone-d5	8.101	63	70028	47.563	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.120%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29609	4.502	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	11.696	152	42591	3.715	ug/L	0.07
Spiked Amount 5.000	Range 80 - 120		Recovery = 74.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	12258	1.368	ug/L	100
13) Acetone	2.191	43	3408m	3.652	ug/L	
14) Carbon disulfide	2.297	76	19559	0.905	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	67336	8.163	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	209582	24.002	ug/L	97
25) Chloroform	4.375	83	19442	1.181	ug/L	97
31) Carbon tetrachloride	4.831	117	4655	0.285	ug/L	97
33) Benzene	5.101	78	1196245	31.872	ug/L	100
34) Trichloroethene	5.915	95	101683	9.605	ug/L	99
42) Toluene	7.390	91	117152	2.774	ug/L	95
47) Tetrachloroethene	7.979	164	1014400	108.843	ug/L	97
51) Chlorobenzene	8.889	112	47091834m	1668.056	ug/L	
52) Ethylbenzene	9.030	91	8775	0.197	ug/L	96
53) m,p-xylene	9.146	106	8702	0.494	ug/L	88
54) o-xylene	9.554	106	7461	0.438	ug/L	98
60) Isopropylbenzene	9.943	105	8087	0.160	ug/L #	54
63) 1,2,4-Trimethylbenzene	10.956	105	13943m	0.335	ug/L	
64) 1,3-Dichlorobenzene	11.194	146	49811299m	1932.807	ug/L	
65) 1,4-Dichlorobenzene	11.294	146	47446513m	1833.036	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.667	146	55508450m	2350.965	ug/L	
70) 1,2,4-trichlorobenzene	13.265	180	658163	39.534	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	80328	5.465	ug/L	99

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

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