Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
Data File : VV021373.D
Acq On : 21 May 2021 21:01
Operator : SY/MD
Sample : M2494-19MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GB432MSD

Quant Time: May 22 01:41:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	272764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	252672	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139372	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75235	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.564	69	64608	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.108	63	131147	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%			
20) 2-Butanone-d5	3.912	46	228184	47.99	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.98%			
24) Chloroform-d	4.352	84	169926	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.037	65	77499	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.053	84	336216	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.075	67	104689	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.320	98	312611	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloroprop...	7.625	79	41764	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.091	63	169300	48.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.24%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	66341	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
66) 1,2-Dichlorobenzene-d4	11.625	152	127795	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	93308	4.55	ug/L	100
3) Chloromethane	1.240	50	88509	4.74	ug/L	96
5) Vinyl chloride	1.307	62	90460	4.81	ug/L	99
6) Bromomethane	1.519	94	59658	4.80	ug/L	96
8) Chloroethane	1.584	64	53750	4.82	ug/L	98
9) Trichlorofluoromethane	1.751	101	128564	4.69	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	71010	4.55	ug/L	95
12) 1,1-Dichloroethene	2.117	96	75074	4.99	ug/L	96
13) Acetone	2.204	43	118022	45.87	ug/L	98
14) Carbon disulfide	2.291	76	252097	4.78	ug/L	99
15) Methyl Acetate	2.449	43	27929	4.67	ug/L	97
16) Methylene chloride	2.506	84	86791	4.05	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	203536	4.69	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	89944	4.88	ug/L	98
19) 1,1-Dichloroethane	3.191	63	162825	5.03	ug/L	100
21) 2-Butanone	3.995	43	218038	47.67	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	96831	4.80	ug/L	96
23) Bromochloromethane	4.252	128	43296	4.81	ug/L	97
25) Chloroform	4.378	83	161637	4.74	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	86525	4.61	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	153345	4.95	ug/L	98
30) Cyclohexane	4.680	56	144006	4.72	ug/L	98
31) Carbon tetrachloride	4.831	117	135131	4.88	ug/L	99
33) Benzene	5.104	78	353930	4.96	ug/L	100
34) Trichloroethene	5.918	95	103923	4.82	ug/L	99
35) Methylcyclohexane	6.133	83	145318	4.45	ug/L	99
37) 1,2-Dichloropropane	6.178	63	87504	4.98	ug/L	99
38) Bromodichloromethane	6.513	83	117768	4.91	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	135117	4.80	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	527174	47.65	ug/L	98
42) Toluene	7.390	91	392361	4.91	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	111148	4.67	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	61743	4.73	ug/L	98
47) Tetrachloroethene	7.979	164	85163	4.84	ug/L	96
48) 2-Hexanone	8.143	43	384779	47.98	ug/L	97
49) Dibromochloromethane	8.249	129	84576	4.81	ug/L	99
50) 1,2-Dibromoethane	8.355	107	60034	4.76	ug/L	98
51) Chlorobenzene	8.882	112	256228	4.87	ug/L	100
52) Ethylbenzene	9.014	91	435247	4.90	ug/L	100
53) m,p-xylene	9.140	106	167600	4.91	ug/L	98
54) o-xylene	9.545	106	164043	4.93	ug/L	99
55) Styrene	9.561	104	270749	4.85	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	58908	4.99	ug/L	98
59) Bromoform	9.734	173	51857	4.94	ug/L	98
60) Isopropylbenzene	9.931	105	449017	5.01	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	50813	4.91	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	381664	4.98	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	390701	4.98	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	215170	4.99	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	210786	4.89	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	197825	4.97	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	10354	5.01	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	181380	4.86	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	147264	5.02	ug/L	100
71) Naphthalene	13.503	128	205345	5.14	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	129756	5.03	ug/L	99

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

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