Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
Data File : VV021372.D
Acq On : 21 May 2021 20:38
Operator : SY/MD
Sample : M2494-18MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GB432MS

Quant Time: May 22 01:41:29 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	275148	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	253958	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	143388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79860	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.568	69	69203	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.108	63	140419	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	3.905	46	243131	50.69	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.38%			
24) Chloroform-d	4.352	84	178082	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.037	65	83962	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.053	84	357466	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.072	67	109783	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.316	98	328974	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloroprop...	7.625	79	45197	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.088	63	181862	51.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.92%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	72107	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
66) 1,2-Dichlorobenzene-d4	11.622	152	140348	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	97217	4.70	ug/L	99
3) Chloromethane	1.240	50	89945	4.78	ug/L	99
5) Vinyl chloride	1.307	62	93763	4.94	ug/L	99
6) Bromomethane	1.519	94	61007	4.87	ug/L	96
8) Chloroethane	1.584	64	55174	4.91	ug/L	99
9) Trichlorofluoromethane	1.751	101	132636	4.80	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73345	4.66	ug/L	94
12) 1,1-Dichloroethene	2.117	96	78352	5.16	ug/L	96
13) Acetone	2.198	43	123362	47.53	ug/L	60
14) Carbon disulfide	2.291	76	253930	4.77	ug/L	99
15) Methyl Acetate	2.445	43	31803	5.27	ug/L	100
16) Methylene chloride	2.506	84	88479	4.09	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	212799	4.86	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	90234	4.85	ug/L	99
19) 1,1-Dichloroethane	3.191	63	164692	5.04	ug/L	100
21) 2-Butanone	3.989	43	220221	47.73	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	98626	4.85	ug/L	99
23) Bromochloromethane	4.252	128	44445	4.89	ug/L	99
25) Chloroform	4.378	83	161969	4.71	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	90480	4.78	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	155533	4.99	ug/L	98
30) Cyclohexane	4.680	56	147103	4.79	ug/L	98
31) Carbon tetrachloride	4.831	117	136377	4.90	ug/L	100
33) Benzene	5.101	78	356090	4.97	ug/L	100
34) Trichloroethene	5.918	95	104165	4.81	ug/L	97
35) Methylcyclohexane	6.133	83	147758	4.50	ug/L	99
37) 1,2-Dichloropropane	6.178	63	89392	5.06	ug/L	100
38) Bromodichloromethane	6.513	83	118140	4.90	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	136005	4.80	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	546274	49.13	ug/L	97
42) Toluene	7.390	91	399521	4.98	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	113091	4.73	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	62814	4.78	ug/L	97
47) Tetrachloroethene	7.979	164	85261	4.82	ug/L	97
48) 2-Hexanone	8.140	43	398509	49.44	ug/L	97
49) Dibromochloromethane	8.249	129	86021	4.87	ug/L	98
50) 1,2-Dibromoethane	8.355	107	62007	4.90	ug/L	97
51) Chlorobenzene	8.882	112	260802	4.93	ug/L	100
52) Ethylbenzene	9.014	91	436730	4.90	ug/L	100
53) m,p-xylene	9.140	106	168997	4.93	ug/L	99
54) o-xylene	9.545	106	165241	4.94	ug/L	97
55) Styrene	9.561	104	275788	4.91	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	60110	5.06	ug/L	99
59) Bromoform	9.734	173	52830	4.89	ug/L	98
60) Isopropylbenzene	9.931	105	451756	4.90	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	53477	5.02	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	382372	4.85	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	396749	4.91	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	212757	4.80	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	214946	4.84	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	198510	4.84	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	10313	4.85	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	181326	4.72	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	145037	4.81	ug/L	99
71) Naphthalene	13.503	128	205772	5.00	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	129407	4.88	ug/L	99

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

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