Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071922\
Data File : VV026838.D
Acq On : 19 Jul 2022 20:21
Operator : SY/MD
Sample : N3754-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

Quant Time: Jul 20 05:53:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 20 05:46:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	237273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	245051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67273	3.108	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.200%			
7) Chloroethane-d5	1.564	69	67222	3.594	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.800%			
11) 1,1-Dichloroethene-d2	2.105	63	139009	3.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.000%			
20) 2-Butanone-d5	3.889	46	210196	62.218	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.440%			
24) Chloroform-d	4.349	84	173010	4.571	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	5.034	65	78134	4.725	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	5.050	84	283480	3.807	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
36) 1,2-Dichloropropane-d6	6.069	67	98188	4.398	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.313	98	247698	3.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
43) trans-1,3-Dichloroprop...	7.625	79	29793	4.079	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.088	63	169587	53.624	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.240%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	87074	5.006	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	97896	4.284	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	132493	4.392	ug/L	99
3) Chloromethane	1.240	50	129805	4.484	ug/L	98
5) Vinyl chloride	1.307	62	136754	4.640	ug/L	99
6) Bromomethane	1.519	94	76720	4.349	ug/L	98
8) Chloroethane	1.580	64	84533	4.868	ug/L	100
9) Trichlorofluoromethane	1.748	101	175136	4.676	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97417	4.540	ug/L	99
12) 1,1-Dichloroethene	2.114	96	98939	4.756	ug/L	89
13) Acetone	2.178	43	137334	48.315	ug/L #	30
14) Carbon disulfide	2.288	76	279188	4.555	ug/L	100
15) Methyl Acetate	2.436	43	32911	5.725	ug/L	96
16) Methylene chloride	2.503	84	115922	4.678	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	187361	5.227	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	99672	5.213	ug/L	95
19) 1,1-Dichloroethane	3.185	63	190998	5.470	ug/L	99
21) 2-Butanone	3.973	43	200322	60.430	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	103186	5.350	ug/L	99
23) Bromochloromethane	4.249	128	49599	5.583	ug/L	96
25) Chloroform	4.375	83	198993	5.441	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	106817	5.421	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	167712	5.079	ug/L	98
30) Cyclohexane	4.677	56	111125	3.949	ug/L	98
31) Carbon tetrachloride	4.825	117	140948	4.833	ug/L	98
33) Benzene	5.098	78	418650	5.110	ug/L	100
34) Trichloroethene	5.915	95	98779	4.906	ug/L	97
35) Methylcyclohexane	6.130	83	119816	3.899	ug/L	98
37) 1,2-Dichloropropane	6.172	63	105097	5.365	ug/L	98
38) Bromodichloromethane	6.509	83	132712	5.196	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	115552	4.746	ug/L	94
40) 4-Methyl-2-pentanone	7.226	43	484853	53.580	ug/L	99
42) Toluene	7.387	91	442254	5.345	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	100835	5.044	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	77486	5.411	ug/L	98
47) Tetrachloroethene	7.976	164	76594	4.850	ug/L	98
48) 2-Hexanone	8.140	43	365852	55.861	ug/L	99
49) Dibromochloromethane	8.246	129	86590	5.247	ug/L	97
50) 1,2-Dibromoethane	8.352	107	69333	5.472	ug/L	95
51) Chlorobenzene	8.882	112	271507	5.190	ug/L	99
52) Ethylbenzene	9.011	91	391009	4.775	ug/L	100
53) m,p-Xylene	9.140	106	156233	4.906	ug/L	99
54) o-Xylene	9.545	106	148158	4.896	ug/L	98
55) Styrene	9.561	104	270911	5.109	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	89779	5.296	ug/L	96
59) Bromoform	9.731	173	40747	4.842	ug/L	96
60) Isopropylbenzene	9.931	105	377278	4.612	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	62188	5.142	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	287927	4.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	297337	4.499	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	202554	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	201975	4.956	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	188190	5.028	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	11942	4.658	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	129933	4.587	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	97662	4.533	ug/L	97
71) Naphthalene	13.500	128	147436	4.131	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	90402	4.510	ug/L	97

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

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