Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023217.D
Acq On : 04 Nov 2021 21:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Quant Time: Nov 11 16:54:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 08:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136209	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44217	5.182	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.600%			
7) Chloroethane-d5	1.568	69	37570	5.402	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.000%			
11) 1,1-Dichloroethene-d2	2.111	63	83156	5.206	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.200%			
20) 2-Butanone-d5	3.899	46	100570	68.411	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.820%#			
24) Chloroform-d	4.352	84	95599	5.257	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.200%			
26) 1,2-Dichloroethane-d4	5.034	65	44457	5.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.800%			
32) Benzene-d6	5.053	84	183836	5.347	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.000%			
36) 1,2-Dichloropropane-d6	6.072	67	53623	5.298	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.000%			
41) Toluene-d8	7.316	98	177148	5.499	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
43) trans-1,3-Dichloroprop...	7.625	79	20513	5.345	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.000%			
46) 2-Hexanone-d5	8.088	63	81121	57.454	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.900%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38669	5.313	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	65854	5.201	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	66633	5.017	ug/L	99
3) Chloromethane	1.240	50	59112	5.235	ug/L	97
5) Vinyl chloride	1.310	62	59420	5.269	ug/L	98
6) Bromomethane	1.523	94	36879	5.116	ug/L	99
8) Chloroethane	1.587	64	34024	5.228	ug/L	99
9) Trichlorofluoromethane	1.754	101	86049	5.078	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45035	5.279	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42509	5.233	ug/L	90
13) Acetone	2.185	43	58589	65.225	ug/L	90
14) Carbon disulfide	2.297	76	148741	4.853	ug/L	99
15) Methyl Acetate	2.439	43	15046	5.918	ug/L	94
16) Methylene chloride	2.510	84	52323	4.414	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	91232	5.102	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	50197	5.027	ug/L	94
19) 1,1-Dichloroethane	3.191	63	86373	5.123	ug/L	98
21) 2-Butanone	3.979	43	91724	63.159	ug/L	97
22) cis-1,2-Dichloroethene	3.911	96	49711	5.173	ug/L #	89
23) Bromochloromethane	4.252	128	22729	5.129	ug/L #	82
25) Chloroform	4.378	83	90772	5.051	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49051	5.132	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	81668	5.018	ug/L	98
30) Cyclohexane	4.680	56	71283	4.888	ug/L	96
31) Carbon tetrachloride	4.831	117	73215	5.009	ug/L	99
33) Benzene	5.101	78	193411	5.164	ug/L	100
34) Trichloroethene	5.915	95	51907	5.212	ug/L	97
35) Methylcyclohexane	6.133	83	78945	5.022	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46760	5.348	ug/L	98
38) Bromodichloromethane	6.513	83	59922	5.114	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	63276	5.032	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	231156	57.005	ug/L	98
42) Toluene	7.387	91	214154	5.346	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	53800	5.156	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32403	5.158	ug/L	97
47) Tetrachloroethene	7.976	164	44224	5.124	ug/L	99
48) 2-Hexanone	8.140	43	165614	58.286	ug/L	98
49) Dibromochloromethane	8.249	129	41103	5.164	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29995	5.152	ug/L	97
51) Chlorobenzene	8.882	112	134360	5.046	ug/L	100
52) Ethylbenzene	9.014	91	217489	5.148	ug/L	98
53) m,p-xylene	9.140	106	87916	5.302	ug/L	97
54) o-xylene	9.545	106	81308	5.227	ug/L	99
55) Styrene	9.561	104	144764	5.433	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	35476	5.154	ug/L	97
59) Bromoform	9.734	173	21756	4.790	ug/L	96
60) Isopropylbenzene	9.931	105	223164	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24794	4.908	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	180297	4.983	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	185088	5.140	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	110704	4.965	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	111935	4.916	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	100158	5.020	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6091	5.660	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	84693	4.851	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67197	4.807	ug/L	98
71) Naphthalene	13.503	128	96045	4.659	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60755	4.967	ug/L	98

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

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