Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023998.D
Acq On : 15 Dec 2021 22:01
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005395

Quant Time: Dec 16 04:53:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	99920	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	106298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26006	4.841	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.800%			
7) Chloroethane-d5	1.568	69	21440	4.784	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.600%			
11) 1,1-Dichloroethene-d2	2.108	63	56991	5.435	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.800%			
20) 2-Butanone-d5	3.902	46	37975	36.186	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.380%			
24) Chloroform-d	4.352	84	59330	4.876	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.034	65	26601	4.696	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
32) Benzene-d6	5.053	84	105660	5.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
36) 1,2-Dichloropropane-d6	6.069	67	29608	4.661	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.317	98	108728	5.736	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.800%			
43) trans-1,3-Dichloroprop...	7.625	79	11580	4.394	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.092	63	43459	36.841	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.680%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21947	4.165	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	39081	4.588	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	44502	5.117	ug/L	98
3) Chloromethane	1.240	50	36151	4.865	ug/L	98
5) Vinyl chloride	1.311	62	40957	5.082	ug/L	100
6) Bromomethane	1.523	94	23421	4.573	ug/L	97
8) Chloroethane	1.584	64	26623	5.077	ug/L	98
9) Trichlorofluoromethane	1.751	101	76363	5.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38743	5.252	ug/L	98
12) 1,1-Dichloroethene	2.118	96	35288	5.264	ug/L	97
13) Acetone	2.188	43	30369	36.171	ug/L	100
14) Carbon disulfide	2.294	76	91683	4.715	ug/L	100
15) Methyl Acetate	2.439	43	11025	5.417	ug/L	91
16) Methylene chloride	2.507	84	42676	4.866	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	77742	5.128	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	38283	5.159	ug/L	97
19) 1,1-Dichloroethane	3.191	63	70494	5.293	ug/L	98
21) 2-Butanone	3.982	43	46957	39.143	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	40446	5.149	ug/L	96
23) Bromochloromethane	4.249	128	18938	5.305	ug/L #	91
25) Chloroform	4.378	83	79499	5.369	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42689	5.322	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	74986	5.392	ug/L	99
30) Cyclohexane	4.677	56	52000	4.714	ug/L	99
31) Carbon tetrachloride	4.828	117	67846	5.190	ug/L	99
33) Benzene	5.098	78	155883	5.184	ug/L	100
34) Trichloroethene	5.912	95	41695	4.916	ug/L	100
35) Methylcyclohexane	6.130	83	58165	4.659	ug/L	100
37) 1,2-Dichloropropane	6.175	63	36676	5.131	ug/L	98
38) Bromodichloromethane	6.510	83	51606	5.097	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	47826	4.508	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	183955	53.579	ug/L	99
42) Toluene	7.387	91	178447	5.273	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	44748	4.879	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	27484	5.198	ug/L	97
47) Tetrachloroethene	7.976	164	37389	5.007	ug/L	98
48) 2-Hexanone	8.140	43	133537	53.640	ug/L	98
49) Dibromochloromethane	8.246	129	37059	5.151	ug/L	98
50) 1,2-Dibromoethane	8.352	107	24708	5.033	ug/L	91
51) Chlorobenzene	8.883	112	115680	5.114	ug/L	99
52) Ethylbenzene	9.011	91	181625	5.086	ug/L	99
53) m,p-xylene	9.137	106	72764	5.153	ug/L	97
54) o-xylene	9.545	106	71736	5.253	ug/L	97
55) Styrene	9.561	104	123973	5.453	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	29964	5.175	ug/L	99
59) Bromoform	9.731	173	19597	4.788	ug/L	100
60) Isopropylbenzene	9.931	105	192913	5.152	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	21999	5.063	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	155006	4.990	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	156913	5.070	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	99827	5.213	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	97454	5.067	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	89806	5.119	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4581	4.828	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	74912	4.756	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	58253	4.709	ug/L	100
71) Naphthalene	13.503	128	80694	4.538	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	51950	4.757	ug/L	98

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

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