Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023318.D
Acq On : 09 Nov 2021 21:31
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

Quant Time: Nov 10 00:45:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 10 00:38:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30994	3.758	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.568	69	29143	4.336	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.108	63	66539	4.310	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.200%			
20) 2-Butanone-d5	3.895	46	108869	76.625	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 153.240%#			
24) Chloroform-d	4.349	84	82602	4.700	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
26) 1,2-Dichloroethane-d4	5.034	65	40427	5.115	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	5.050	84	150180	4.458	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.069	67	47373	4.777	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.317	98	139379	4.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	7.625	79	18063	4.803	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.000%			
46) 2-Hexanone-d5	8.088	63	86289	62.366	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.740%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39536	5.544	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	57407	4.669	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	64504	5.025	ug/L	98
3) Chloromethane	1.240	50	57731	5.290	ug/L	93
5) Vinyl chloride	1.310	62	56409	5.175	ug/L	100
6) Bromomethane	1.519	94	34466	4.947	ug/L	100
8) Chloroethane	1.584	64	32723	5.202	ug/L	98
9) Trichlorofluoromethane	1.751	101	84211	5.142	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	43916	5.326	ug/L	100
12) 1,1-Dichloroethene	2.117	96	41790	5.323	ug/L	83
13) Acetone	2.188	43	65564	75.521	ug/L	93
14) Carbon disulfide	2.294	76	147212	4.969	ug/L	99
15) Methyl Acetate	2.439	43	15773	6.419	ug/L	98
16) Methylene chloride	2.506	84	56152	4.901	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	96065	5.559	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	49915	5.172	ug/L	98
19) 1,1-Dichloroethane	3.188	63	87051	5.343	ug/L	98
21) 2-Butanone	3.982	43	101393	72.238	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	50321	5.418	ug/L #	91
23) Bromochloromethane	4.252	128	23088	5.391	ug/L #	83
25) Chloroform	4.375	83	92997	5.354	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	51096	5.531	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	79891	5.010	ug/L	99
30) Cyclohexane	4.677	56	72646	5.084	ug/L	99
31) Carbon tetrachloride	4.828	117	72956	5.094	ug/L	98
33) Benzene	5.098	78	194990	5.313	ug/L	100
34) Trichloroethene	5.911	95	49216	5.043	ug/L	97
35) Methylcyclohexane	6.130	83	76319	4.954	ug/L	95
37) 1,2-Dichloropropane	6.175	63	47595	5.555	ug/L	97
38) Bromodichloromethane	6.510	83	60867	5.301	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	62680	5.086	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	251547	63.305	ug/L	98
42) Toluene	7.387	91	212136	5.404	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	54403	5.321	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	33349	5.417	ug/L	99
47) Tetrachloroethene	7.976	164	43353	5.126	ug/L	98
48) 2-Hexanone	8.140	43	183684	65.970	ug/L	97
49) Dibromochloromethane	8.246	129	42748	5.480	ug/L	100
50) 1,2-Dibromoethane	8.352	107	31547	5.530	ug/L	100
51) Chlorobenzene	8.882	112	134392	5.151	ug/L	99
52) Ethylbenzene	9.014	91	215402	5.203	ug/L	99
53) m,p-xylene	9.140	106	85108	5.238	ug/L	99
54) o-xylene	9.545	106	80101	5.255	ug/L	99
55) Styrene	9.561	104	143160	5.482	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	37371	5.541	ug/L	99
59) Bromoform	9.731	173	23235	5.268	ug/L	99
60) Isopropylbenzene	9.931	105	217442	5.131	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27387	5.583	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	177513	5.052	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	179259	5.126	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	112646	5.202	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	110922	5.016	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	101997	5.264	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	5615	5.373	ug/L	83
69) 1,3,5-Trichlorobenzene	12.648	180	84580	4.989	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67572	4.977	ug/L	100
71) Naphthalene	13.503	128	101127	5.052	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	61802	5.203	ug/L	98

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

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