Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
Data File : VV022654.D
Acq On : 07 Oct 2021 05:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

Manual Integrations APPROVED
MMDadoda
10/7/2021 1:00:39 PM

Quant Time: Oct 07 07:51:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 07:45:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	105041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15287	4.429	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.567	69	23928	5.143	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.800%			
11) 1,1-Dichloroethene-d2	2.108	63	49381	4.930	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.600%			
20) 2-Butanone-d5	3.899	46	82316	40.342	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.680%			
24) Chloroform-d	4.352	84	64529	4.855	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.034	65	30536	4.877	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.053	84	108569	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.072	67	37694	4.514	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.316	98	94733	4.774	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
43) trans-1,3-Dichloroprop...	7.625	79	10314	4.667	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.091	63	73697	53.855	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.720%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31516	4.967	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	42470	4.693	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	42224	5.146	ug/L	97
3) Chloromethane	1.240	50	44497	5.416	ug/L	98
5) Vinyl chloride	1.310	62	45266	5.459	ug/L	98
6) Bromomethane	1.522	94	26532	4.820	ug/L	99
8) Chloroethane	1.584	64	28146	5.337	ug/L	98
9) Trichlorofluoromethane	1.751	101	65347	5.267	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37006	5.188	ug/L	97
12) 1,1-Dichloroethene	2.117	96	36839	5.582	ug/L	94
13) Acetone	2.188	43	48539m	44.236	ug/L	
14) Carbon disulfide	2.294	76	104111	5.393	ug/L	98
15) Methyl Acetate	2.439	43	10564	3.269	ug/L #	72
16) Methylene chloride	2.506	84	42774	5.625	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	78445	4.677	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	38452	5.346	ug/L	94
19) 1,1-Dichloroethane	3.191	63	66952	5.188	ug/L	99
21) 2-Butanone	3.985	43	66534	37.877	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	38719	4.962	ug/L	99
23) Bromochloromethane	4.252	128	18559	5.052	ug/L	91
25) Chloroform	4.378	83	70836	5.027	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	37553	5.007	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	60698	5.058	ug/L	98
30) Cyclohexane	4.677	56	51460	4.732	ug/L	98
31) Carbon tetrachloride	4.831	117	53370	5.013	ug/L	98
33) Benzene	5.101	78	146433	5.173	ug/L	100
34) Trichloroethene	5.915	95	39082	4.751	ug/L	97
35) Methylcyclohexane	6.133	83	53146	4.610	ug/L	98
37) 1,2-Dichloropropane	6.175	63	35992	5.208	ug/L	99
38) Bromodichloromethane	6.513	83	44539	5.086	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	46026	4.942	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	207218	54.473	ug/L	99
42) Toluene	7.390	91	159284	5.357	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	38642	4.970	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	26922	5.219	ug/L	98
47) Tetrachloroethene	7.979	164	32289	5.048	ug/L	97
48) 2-Hexanone	8.143	43	154459	56.440	ug/L	99
49) Dibromochloromethane	8.246	129	32502	5.345	ug/L	94
50) 1,2-Dibromoethane	8.355	107	25847	5.389	ug/L	96
51) Chlorobenzene	8.882	112	101437	5.212	ug/L	98
52) Ethylbenzene	9.014	91	159124	5.214	ug/L	97
53) m,p-xylene	9.140	106	63764	5.480	ug/L	92
54) o-xylene	9.545	106	60803	5.253	ug/L	97
55) Styrene	9.561	104	107591	5.467	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	29969	5.354	ug/L	97
59) Bromoform	9.734	173	17584	5.124	ug/L	99
60) Isopropylbenzene	9.934	105	160303	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21672	4.998	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	129491	5.078	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	133291	5.145	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	84284	5.234	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	82235	4.993	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	78280	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	4188	5.053	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	62328	5.171	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	48976	5.063	ug/L	97
71) Naphthalene	13.503	128	76919	4.853	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	47572	5.351	ug/L	100

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

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