Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
Data File : VV021769.D
Acq On : 11 Aug 2021 12:00
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV223

Quant Time: Aug 12 03:12:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 12 03:04:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	208587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	193136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	38760	4.853	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.000%			
7) Chloroethane-d5	1.564	69	45516	4.817	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.105	63	82289	4.544	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.800%			
20) 2-Butanone-d5	3.908	46	147751	46.545	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.080%			
24) Chloroform-d	4.346	84	125340	4.970	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
26) 1,2-Dichloroethane-d4	5.034	65	55615	4.820	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.047	84	243536	5.055	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	6.069	67	76555	4.927	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.313	98	224475	5.063	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	7.625	79	23487	4.919	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.400%			
46) 2-Hexanone-d5	8.091	63	113153	48.568	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.140%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50908	4.924	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	87421	4.942	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	80497	5.370	ug/L	98
3) Chloromethane	1.236	50	68345	5.319	ug/L	99
5) Vinyl chloride	1.307	62	72474	5.357	ug/L	100
6) Bromomethane	1.519	94	46306	5.422	ug/L	99
8) Chloroethane	1.581	64	44919	5.286	ug/L	97
9) Trichlorofluoromethane	1.748	101	107790	5.422	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	51663	4.828	ug/L	98
12) 1,1-Dichloroethene	2.114	96	47850	4.982	ug/L	90
13) Acetone	2.220	43	89721	44.658	ug/L	100
14) Carbon disulfide	2.288	76	153672	5.471	ug/L	99
15) Methyl Acetate	2.442	43	23052	3.993	ug/L	94
16) Methylene chloride	2.503	84	74496	4.294	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	160435	5.314	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	67431	5.449	ug/L	98
19) 1,1-Dichloroethane	3.188	63	123831	5.360	ug/L	99
21) 2-Butanone	3.992	43	160923	49.086	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	74576	5.340	ug/L	99
23) Bromochloromethane	4.246	128	33480	5.327	ug/L	98
25) Chloroform	4.371	83	128320	5.206	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65333	4.969	ug/L		98
29) 1,1,1-Trichloroethane	4.603	97	112233	5.443	ug/L		100
30) Cyclohexane	4.674	56	102036	5.510	ug/L		100
31) Carbon tetrachloride	4.825	117	96610	5.437	ug/L		100
33) Benzene	5.098	78	271621	5.495	ug/L		100
34) Trichloroethene	5.912	95	76342	5.490	ug/L		98
35) Methylcyclohexane	6.130	83	111878	5.580	ug/L		98
37) 1,2-Dichloropropane	6.172	63	68190	5.429	ug/L		99
38) Bromodichloromethane	6.510	83	87551	5.402	ug/L		99
39) cis-1,3-Dichloropropene	7.027	75	103952	5.729	ug/L		100
40) 4-Methyl-2-pentanone	7.230	43	410484	53.191	ug/L		99
42) Toluene	7.387	91	298015	5.568	ug/L		100
44) trans-1,3-Dichloropropene	7.651	75	85527	5.558	ug/L		97
45) 1,1,2-Trichloroethane	7.841	97	49861	5.308	ug/L		99
47) Tetrachloroethene	7.976	164	60680	5.619	ug/L		97
48) 2-Hexanone	8.140	43	290016	54.523	ug/L		95
49) Dibromochloromethane	8.246	129	60722	5.443	ug/L		100
50) 1,2-Dibromoethane	8.355	107	47483	5.422	ug/L	#	100
51) Chlorobenzene	8.882	112	192872	5.411	ug/L		98
52) Ethylbenzene	9.011	91	323775	5.618	ug/L		100
53) m,p-xylene	9.140	106	124840	5.540	ug/L		99
54) o-xylene	9.545	106	124150	5.589	ug/L		99
55) Styrene	9.561	104	208708	5.667	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.243	83	52157	5.400	ug/L		98
59) Bromoform	9.731	173	32684	5.348	ug/L		99
60) Isopropylbenzene	9.931	105	335707	5.562	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	41123	5.215	ug/L		99
62) 1,3,5-Trimethylbenzene	10.538	105	278892	5.548	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	285317	5.583	ug/L		100
64) 1,3-Dichlorobenzene	11.181	146	162442	5.567	ug/L		99
65) 1,4-Dichlorobenzene	11.275	146	159996	5.514	ug/L		98
67) 1,2-Dichlorobenzene	11.644	146	149417	5.472	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.432	75	7493	5.051	ug/L		88
69) 1,3,5-Trichlorobenzene	12.648	180	126723	5.574	ug/L		99
70) 1,2,4-trichlorobenzene	13.265	180	102345	5.706	ug/L		99
71) Naphthalene	13.503	128	155537	5.840	ug/L		98
72) 1,2,3-Trichlorobenzene	13.744	180	93037	5.899	ug/L		98

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

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