Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021063.D
Acq On : 03 Dec 2021 14:17
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV430

Quant Time: Dec 04 01:24:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 18:49:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	111404	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	105835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59405	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39901	25.707	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.840%			
7) Chloroethane-d5	2.879	69	26155	25.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.680%			
11) 1,1-Dichloroethene-d2	4.013	63	60399	24.358	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.440%			
21) 2-Butanone-d5	7.080	46	17327	48.941	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.880%			
24) Chloroform-d	7.647	84	70242	25.177	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.720%			
26) 1,2-Dichloroethane-d4	8.305	65	37499	24.568	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.280%			
32) Benzene-d6	8.275	84	132446	24.475	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.920%			
36) 1,2-Dichloropropane-d6	9.275	67	37330	24.823	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.280%			
41) Toluene-d8	10.323	98	134615	24.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.040%			
43) trans-1,3-Dichloroprop...	10.573	79	17330	25.379	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.520%			
47) 2-Hexanone-d5	10.921	63	14476	50.313	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.620%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	33277	23.919	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.680%			
66) 1,2-Dichlorobenzene-d4	13.847	152	51608	24.246	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	15583	28.637	ug/L	93
3) Chloromethane	2.209	50	29273	24.030	ug/L	98
5) Vinyl chloride	2.355	62	49898	23.578	ug/L	96
6) Bromomethane	2.770	94	33788	24.012	ug/L	100
8) Chloroethane	2.916	64	21843	24.766	ug/L	98
9) Trichlorofluoromethane	3.251	101	22875	22.386	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	37252	23.290	ug/L	89
12) 1,1-Dichloroethene	4.032	96	34547	23.891	ug/L	81
13) Acetone	4.123	43	13577	42.100	ug/L	95
14) Carbon disulfide	4.379	76	98939	24.650	ug/L	100
15) Methyl Acetate	4.666	43	14124	24.154	ug/L #	90
16) Methylene chloride	4.916	84	35565	20.263	ug/L	81
17) trans-1,2-Dichloroethene	5.422	96	38052	24.715	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	55918	24.063	ug/L	94
19) 1,1-Dichloroethane	6.208	63	58945	24.144	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	39338	24.083	ug/L	75
22) 2-Butanone	7.165	43	20127	45.098	ug/L	90
23) Bromochloromethane	7.513	128	18784	24.578	ug/L #	70
25) Chloroform	7.677	83	65973	24.073	ug/L	100

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QLast Update : Fri Dec 03 18:49:11 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	43442	24.233	ug/L		96
29) Cyclohexane	7.952	56	55043	23.575	ug/L	#	83
30) 1,1,1-Trichloroethane	7.866	97	57822	23.432	ug/L		95
31) Carbon tetrachloride	8.067	117	54461	23.751	ug/L		99
33) Benzene	8.323	78	142166	23.622	ug/L		100
34) Trichloroethene	9.092	95	40098	24.150	ug/L		91
35) Methylcyclohexane	9.336	83	65766	23.531	ug/L		86
37) 1,2-Dichloropropane	9.366	63	32352	23.783	ug/L	#	96
38) Bromodichloromethane	9.640	83	47647	24.917	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	54485	24.763	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	43468	46.907	ug/L	#	92
42) Toluene	10.384	91	161272	23.460	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	48695	24.462	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	27445	24.065	ug/L		93
46) Tetrachloroethene	10.860	164	36497	24.005	ug/L		94
48) 2-Hexanone	10.963	43	31858	47.657	ug/L	#	95
49) Dibromochloromethane	11.122	129	34243	24.024	ug/L		96
50) 1,2-Dibromoethane	11.232	107	28643	24.629	ug/L	#	99
51) Chlorobenzene	11.652	112	107873	23.485	ug/L		92
52) Ethylbenzene	11.725	91	178611	23.080	ug/L		99
53) m,p-Xylene	11.835	106	71917	22.464	ug/L		89
54) o-Xylene	12.164	106	68232	22.606	ug/L		91
55) Styrene	12.176	104	117630	22.873	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	32860	23.955	ug/L	#	97
59) Bromoform	12.347	173	20480	24.175	ug/L	#	98
60) Isopropylbenzene	12.463	105	188684	22.854	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	24070	24.188	ug/L		92
62) 1,3,5-Trimethylbenzene	12.939	105	160292	23.184	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	159359	22.917	ug/L		94
64) 1,3-Dichlorobenzene	13.499	146	90402	23.255	ug/L		86
65) 1,4-Dichlorobenzene	13.573	146	90173	22.952	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	80585	23.282	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.481	75	5446	24.236	ug/L	#	80
69) 1,3,5-Trichlorobenzene	14.627	180	68984	24.146	ug/L		96
70) 1,2,4-trichlorobenzene	15.133	180	56167	23.925	ug/L		92
71) Naphthalene	15.359	128	104311	23.901	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	47300	23.086	ug/L		98

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

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