Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
Data File : VW020891.D
Acq On : 15 Nov 2021 13:09
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.00mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Quant Time: Nov 16 03:58:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 15 12:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	123566	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	113646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38572	26.911	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.640%			
7) Chloroethane-d5	2.885	69	23086	24.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.880%			
11) 1,1-Dichloroethene-d2	4.025	63	70013	25.246	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.000%			
21) 2-Butanone-d5	7.080	46	18782	52.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.000%			
24) Chloroform-d	7.653	84	79997	25.694	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.760%			
26) 1,2-Dichloroethane-d4	8.305	65	40940	25.906	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.640%			
32) Benzene-d6	8.275	84	155383	25.942	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.760%			
36) 1,2-Dichloropropane-d6	9.274	67	43670	25.603	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.400%			
41) Toluene-d8	10.323	98	156862	26.385	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.560%			
43) trans-1,3-Dichloroprop...	10.579	79	21027	26.082	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.320%			
47) 2-Hexanone-d5	10.920	63	15892	56.179	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.360%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	36028	27.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.280%			
66) 1,2-Dichlorobenzene-d4	13.847	152	58202	24.865	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	9903	27.692	ug/L	98
3) Chloromethane	2.215	50	24268	22.321	ug/L	98
5) Vinyl chloride	2.361	62	44165	23.485	ug/L	91
6) Bromomethane	2.782	94	23466	22.504	ug/L	100
8) Chloroethane	2.922	64	17660	22.338	ug/L	96
9) Trichlorofluoromethane	3.257	101	25363	23.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	39939	23.984	ug/L	90
12) 1,1-Dichloroethene	4.044	96	36204	23.384	ug/L	83
13) Acetone	4.129	43	15425	48.292	ug/L	91
14) Carbon disulfide	4.385	76	93259	22.272	ug/L	100
15) Methyl Acetate	4.678	43	14214	24.814	ug/L #	91
16) Methylene chloride	4.915	84	36753	21.326	ug/L	87
17) trans-1,2-Dichloroethene	5.427	96	38926	23.328	ug/L	82
18) Methyl tert-butyl Ether	5.427	73	61113	24.400	ug/L	93
19) 1,1-Dichloroethane	6.220	63	66311	23.984	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	42927	23.870	ug/L	69
22) 2-Butanone	7.171	43	20600	47.469	ug/L	87
23) Bromochloromethane	7.519	128	19877	24.177	ug/L #	64
25) Chloroform	7.677	83	72709	24.061	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	44391	24.260	ug/L		98
29) Cyclohexane	7.957	56	59690	23.559	ug/L		86
30) 1,1,1-Trichloroethane	7.872	97	65898	24.113	ug/L		93
31) Carbon tetrachloride	8.067	117	62995	24.354	ug/L		99
33) Benzene	8.323	78	152226	23.657	ug/L		100
34) Trichloroethene	9.091	95	43004	23.894	ug/L		90
35) Methylcyclohexane	9.335	83	70387	23.720	ug/L		85
37) 1,2-Dichloropropane	9.366	63	36376	24.291	ug/L	#	96
38) Bromodichloromethane	9.646	83	53669	24.973	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	62082	25.108	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	44779	50.238	ug/L	#	93
42) Toluene	10.390	91	173925	24.030	ug/L		97
44) trans-1,3-Dichloropropene	10.609	75	54226	24.954	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	28982	24.884	ug/L		95
46) Tetrachloroethene	10.866	164	38987	23.592	ug/L		94
48) 2-Hexanone	10.969	43	33742	54.651	ug/L	#	96
49) Dibromochloromethane	11.128	129	39113	24.359	ug/L		98
50) 1,2-Dibromoethane	11.237	107	29153	24.966	ug/L	#	95
51) Chlorobenzene	11.658	112	116791	24.262	ug/L		90
52) Ethylbenzene	11.731	91	190603	23.766	ug/L		97
53) m,p-Xylene	11.841	106	79513	24.283	ug/L		87
54) o-Xylene	12.164	106	74368	23.649	ug/L		94
55) Styrene	12.182	104	128309	24.572	ug/L		87
57) 1,1,2,2-Tetrachloroethane	12.713	83	33833	26.209	ug/L	#	96
59) Bromoform	12.347	173	24420	24.938	ug/L		100
60) Isopropylbenzene	12.463	105	208690	23.330	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	23954	24.866	ug/L		94
62) 1,3,5-Trimethylbenzene	12.938	105	176213	23.352	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	176900	23.761	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	102789	24.510	ug/L		85
65) 1,4-Dichlorobenzene	13.578	146	100033	23.646	ug/L		91
67) 1,2-Dichlorobenzene	13.865	146	87414	23.654	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5544	24.072	ug/L	#	52
69) 1,3,5-Trichlorobenzene	14.627	180	82714	24.901	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	65845	24.230	ug/L		96
71) Naphthalene	15.359	128	114900	25.949	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	52694	22.979	ug/L		97

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

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