Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040522\
Data File : VW022394.D
Acq On : 05 Apr 2022 13:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2022
Supervised By :Mahesh Dadoda 04/07/2022

Quant Time: Apr 06 02:06:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 06 01:18:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	216873	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	216813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126575	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80535	22.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.640%			
7) Chloroethane-d5	2.891	69	57293	27.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.000%			
11) 1,1-Dichloroethene-d2	4.025	63	111769	21.194	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.760%			
21) 2-Butanone-d5	7.080	46	37046	42.655	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.320%			
24) Chloroform-d	7.647	84	134488	22.240	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.960%			
26) 1,2-Dichloroethane-d4	8.305	65	81618	22.826	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.320%			
32) Benzene-d6	8.275	84	266925	22.419	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.680%			
36) 1,2-Dichloropropane-d6	9.274	67	79640	22.281	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.120%			
41) Toluene-d8	10.323	98	271572	23.975	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.920%			
43) trans-1,3-Dichloroprop...	10.579	79	41164	22.901	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.600%			
47) 2-Hexanone-d5	10.920	63	33768	46.119	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.240%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78909	26.168	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	94712	23.179	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	17861	15.648	ug/L	95
3) Chloromethane	2.221	50	49472	18.763	ug/L	93
5) Vinyl chloride	2.367	62	114313	26.537	ug/L	100
6) Bromomethane	2.782	94	72332	32.606	ug/L	95
8) Chloroethane	2.922	64	54015	30.151	ug/L	99
9) Trichlorofluoromethane	3.257	101	36874	28.909	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	67269	23.076	ug/L	95
12) 1,1-Dichloroethene	4.050	96	64428	23.581	ug/L	91
13) Acetone	4.129	43	25420	42.743	ug/L	72
14) Carbon disulfide	4.385	76	202749	23.521	ug/L	97
15) Methyl Acetate	4.678	43	32723	21.093	ug/L	91
16) Methylene chloride	4.921	84	74428	22.919	ug/L	85
17) trans-1,2-Dichloroethene	5.427	96	77997	24.102	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	132320	23.459	ug/L #	93
19) 1,1-Dichloroethane	6.220	63	133214	22.417	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	83931m	24.353	ug/L	
22) 2-Butanone	7.171	43	42859	45.688	ug/L	94
23) Bromochloromethane	7.519	128	38597	25.530	ug/L #	81
25) Chloroform	7.677	83	144787	23.868	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	110747	24.315	ug/L	#	91
29) Cyclohexane	7.957	56	130822	22.164	ug/L		93
30) 1,1,1-Trichloroethane	7.872	97	127710	23.893	ug/L		95
31) Carbon tetrachloride	8.067	117	115935	24.080	ug/L		98
33) Benzene	8.323	78	338704	24.337	ug/L		100
34) Trichloroethene	9.091	95	88177	24.391	ug/L		98
35) Methylcyclohexane	9.335	83	156842	24.644	ug/L		92
37) 1,2-Dichloropropane	9.372	63	83624	24.246	ug/L		99
38) Bromodichloromethane	9.640	83	116607	24.242	ug/L		94
39) cis-1,3-Dichloropropene	10.073	75	134904	23.922	ug/L		92
40) 4-Methyl-2-pentanone	10.207	43	114674	47.283	ug/L	#	93
42) Toluene	10.384	91	396622	25.622	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	126944	24.306	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	67691	26.243	ug/L		90
46) Tetrachloroethene	10.859	164	71774	27.687	ug/L		90
48) 2-Hexanone	10.963	43	83542	48.794	ug/L	#	95
49) Dibromochloromethane	11.122	129	82222	25.748	ug/L		97
50) 1,2-Dibromoethane	11.231	107	67317	25.697	ug/L		100
51) Chlorobenzene	11.658	112	249865	26.107	ug/L		97
52) Ethylbenzene	11.731	91	453618	26.421	ug/L		97
53) m,p-Xylene	11.835	106	176717	26.966	ug/L		88
54) o-Xylene	12.164	106	168676	26.571	ug/L		90
55) Styrene	12.176	104	298095	27.035	ug/L		85
57) 1,1,2,2-Tetrachloroethane	12.713	83	88092	26.669	ug/L		99
59) Bromoform	12.347	173	48187	25.550	ug/L	#	99
60) Isopropylbenzene	12.463	105	476188	25.047	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	65142	23.681	ug/L		95
62) 1,3,5-Trimethylbenzene	12.938	105	260259	24.552	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	395902	24.884	ug/L		94
64) 1,3-Dichlorobenzene	13.493	146	201457	26.735	ug/L		95
65) 1,4-Dichlorobenzene	13.578	146	199542	25.235	ug/L		100
67) 1,2-Dichlorobenzene	13.865	146	185706	26.788	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15011	21.175	ug/L		91
69) 1,3,5-Trichlorobenzene	14.627	180	134431	26.340	ug/L		92
70) 1,2,4-trichlorobenzene	15.127	180	113877	27.215	ug/L		97
71) Naphthalene	15.359	128	240039	24.745	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	98899	26.985	ug/L		96

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

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