Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
Data File : VW023405.D
Acq On : 06 Jun 2022 16:29
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:58:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 07 01:56:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	381462	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.628	117	362336	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200681	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.355	65	165555	28.038 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.160%		
7) Chloroethane-d5	2.885	69	130993	31.492 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.960%		
11) 1,1-Dichloroethene-d2	4.019	63	217620	24.542 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.160%		
21) 2-Butanone-d5	7.074	46	62187	54.609 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.220%		
24) Chloroform-d	7.647	84	259357	25.214 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.840%		
26) 1,2-Dichloroethane-d4	8.305	65	143218	26.505 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.040%		
32) Benzene-d6	8.275	84	507883	25.251 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.000%		
36) 1,2-Dichloropropane-d6	9.275	67	147143	26.101 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.400%		
41) Toluene-d8	10.323	98	500166	26.110 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.440%		
43) trans-1,3-Dichloroprop...	10.579	79	66274	26.350 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.400%		
47) 2-Hexanone-d5	10.921	63	51043	60.488 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.980%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135855	28.165 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.640%		
66) 1,2-Dichlorobenzene-d4	13.853	152	182073	25.066 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.280%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.008	85	53624m	42.706 ug/L	
3) Chloromethane	2.215	50	122834	27.745 ug/L	98
5) Vinyl chloride	2.361	62	183968	27.132 ug/L	100
6) Bromomethane	2.782	94	100076	26.851 ug/L	97
8) Chloroethane	2.922	64	104636	31.525 ug/L	98
9) Trichlorofluoromethane	3.257	101	73834	19.847 ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117778	24.095 ug/L	97
12) 1,1-Dichloroethene	4.044	96	104080	23.864 ug/L	98
13) Acetone	4.117	43	38779	45.402 ug/L	99
14) Carbon disulfide	4.385	76	334734	23.947 ug/L	99
15) Methyl Acetate	4.666	43	49432	26.351 ug/L	97
16) Methylene chloride	4.916	84	123665	22.506 ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	121920	23.459 ug/L	97
18) Methyl tert-butyl Ether	5.428	73	194560	25.833 ug/L	98
19) 1,1-Dichloroethane	6.214	63	212776	24.481 ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	133824	24.618 ug/L #	100
22) 2-Butanone	7.171	43	68229	54.892 ug/L	97
23) Bromochloromethane	7.513	128	60274	23.639 ug/L	93
25) Chloroform	7.677	83	234425	24.355 ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158066	26.084	ug/L		100
29) Cyclohexane	7.958	56	191575	24.745	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	202561	23.498	ug/L		99
31) Carbon tetrachloride	8.067	117	183795	23.112	ug/L		98
33) Benzene	8.324	78	517514	24.338	ug/L		100
34) Trichloroethene	9.092	95	138456	23.802	ug/L		98
35) Methylcyclohexane	9.336	83	233030	24.407	ug/L		98
37) 1,2-Dichloropropane	9.366	63	126389	25.364	ug/L		99
38) Bromodichloromethane	9.646	83	176990	25.317	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	199594	25.568	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	152330	56.225	ug/L		99
42) Toluene	10.390	91	588984	24.565	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	181112	26.583	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	102535	25.631	ug/L		95
46) Tetrachloroethene	10.860	164	110277	23.965	ug/L		85
48) 2-Hexanone	10.969	43	106184	60.606	ug/L		99
49) Dibromochloromethane	11.128	129	124756	25.784	ug/L		96
50) 1,2-Dibromoethane	11.232	107	102325	26.111	ug/L		98
51) Chlorobenzene	11.658	112	383257	24.423	ug/L		99
52) Ethylbenzene	11.731	91	662700	25.085	ug/L		98
53) m,p-Xylene	11.835	106	264835	25.900	ug/L		99
54) o-Xylene	12.164	106	255823	26.117	ug/L		100
55) Styrene	12.176	104	437454	25.952	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	128852	26.859	ug/L		96
59) Bromoform	12.347	173	65605	23.590	ug/L		97
60) Isopropylbenzene	12.463	105	692923	24.128	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	92012	25.349	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	576922	24.272	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	586277	24.921	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	296964	22.790	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	308444	23.144	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	283716	24.001	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.475	75	19938	25.866	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.627	180	203454	23.613	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	163663	24.522	ug/L		99
71) Naphthalene	15.359	128	353002	28.499	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	143793	24.778	ug/L		95

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

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