Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072722\
Data File : VW024109.D
Acq On : 27 Jul 2022 09:20
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/27/2022
Supervised By :Semsettin Yesilyurt 07/27/2022

Quant Time: Jul 27 15:05:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 26 23:39:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	256775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	268184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	166529	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	113766	20.670	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.680%			
7) Chloroethane-d5	2.873	69	82872	22.284	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.120%			
11) 1,1-Dichloroethene-d2	4.013	63	118212	24.392	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.560%			
21) 2-Butanone-d5	7.080	46	37608	38.447	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.900%			
24) Chloroform-d	7.647	84	152411	21.590	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.360%			
26) 1,2-Dichloroethane-d4	8.305	65	83846	20.674	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.680%			
32) Benzene-d6	8.268	84	281495	22.596	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	9.268	67	85016	21.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.560%			
41) Toluene-d8	10.323	98	280463	22.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.040%			
43) trans-1,3-Dichloroprop...	10.579	79	38268	21.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.840%			
47) 2-Hexanone-d5	10.920	63	34108	41.520	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.040%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	93315	20.581	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	111307	20.638	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	30830	16.257	ug/L	95
3) Chloromethane	2.215	50	115868	23.534	ug/L	96
5) Vinyl chloride	2.355	62	184813	24.084	ug/L	99
6) Bromomethane	2.769	94	116147	27.397	ug/L	92
8) Chloroethane	2.910	64	89940	26.643	ug/L	97
9) Trichlorofluoromethane	3.239	101	69244	19.383	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	90597	27.383	ug/L #	54
12) 1,1-Dichloroethene	4.037	96	76458m	28.194	ug/L	
13) Acetone	4.123	43	37132	53.494	ug/L	99
14) Carbon disulfide	4.379	76	223756	26.864	ug/L	98
15) Methyl Acetate	4.665	43	38237	22.835	ug/L	95
16) Methylene chloride	4.909	84	103486	26.479	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	92602	27.909	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	140683	28.604	ug/L	99
19) 1,1-Dichloroethane	6.208	63	169190	26.995	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	102365	28.095	ug/L	100
22) 2-Butanone	7.171	43	57000	51.161	ug/L	99
23) Bromochloromethane	7.512	128	48056	25.629	ug/L	95
25) Chloroform	7.677	83	190020	26.202	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	132476	25.649	ug/L		98
29) Cyclohexane	7.951	56	147467	29.844	ug/L		97
30) 1,1,1-Trichloroethane	7.866	97	165264	27.569	ug/L		99
31) Carbon tetrachloride	8.061	117	152198	27.543	ug/L		98
33) Benzene	8.317	78	420283	27.127	ug/L		100
34) Trichloroethene	9.085	95	107812	26.279	ug/L		98
35) Methylcyclohexane	9.335	83	184501	29.601	ug/L		99
37) 1,2-Dichloropropane	9.366	63	105148	26.845	ug/L		100
38) Bromodichloromethane	9.640	83	148082	26.517	ug/L		99
39) cis-1,3-Dichloropropene	10.067	75	161277	28.262	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	134942	49.510	ug/L		100
42) Toluene	10.384	91	502874	28.696	ug/L		100
44) trans-1,3-Dichloropropene	10.603	75	151316	28.000	ug/L		93
45) 1,1,2-Trichloroethane	10.786	97	87124	25.462	ug/L		97
46) Tetrachloroethene	10.859	164	89672	27.927	ug/L		94
48) 2-Hexanone	10.963	43	101042	51.156	ug/L		96
49) Dibromochloromethane	11.128	129	103917	25.992	ug/L		98
50) 1,2-Dibromoethane	11.231	107	86845	25.923	ug/L	#	98
51) Chlorobenzene	11.652	112	328301	27.836	ug/L		96
52) Ethylbenzene	11.725	91	568229	29.423	ug/L		98
53) m,p-Xylene	11.835	106	226143	30.168	ug/L		100
54) o-Xylene	12.164	106	214899	29.978	ug/L		94
55) Styrene	12.176	104	393536	30.643	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	118060	24.895	ug/L		95
59) Bromoform	12.347	173	61996	24.085	ug/L		100
60) Isopropylbenzene	12.463	105	602801	28.578	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	83782	22.383	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	498587	29.380	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	502384	29.250	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	270328	26.796	ug/L		97
65) 1,4-Dichlorobenzene	13.572	146	276249	25.795	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	249050	26.392	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18093	21.633	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.627	180	178484	27.743	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	140489	28.820	ug/L		94
71) Naphthalene	15.359	128	280959	26.935	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	125586	27.389	ug/L		99

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

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