Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070122\
Data File : VW023553.D
Acq On : 01 Jul 2022 10:04
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 01:15:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:57:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	341219	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327461	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174663	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.349	65	155006	31.758 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.040%		
7) Chloroethane-d5	2.879	69	76449	22.743 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.960%		
11) 1,1-Dichloroethene-d2	4.019	63	167952	27.811 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.240%#		
21) 2-Butanone-d5	7.074	46	57271	46.849 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.700%		
24) Chloroform-d	7.647	84	236646	25.406 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.640%		
26) 1,2-Dichloroethane-d4	8.305	65	126777	24.647 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.600%		
32) Benzene-d6	8.275	84	451815	25.519 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.080%		
36) 1,2-Dichloropropane-d6	9.268	67	128962	24.637 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.560%		
41) Toluene-d8	10.323	98	443674	25.766 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.080%		
43) trans-1,3-Dichloroprop...	10.573	79	57727	24.894 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.560%		
47) 2-Hexanone-d5	10.920	63	48041	48.383 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.760%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122310	24.336 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.360%		
66) 1,2-Dichlorobenzene-d4	13.853	152	160371	25.175 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.720%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.007	85	35817	27.165 ug/L	97
3) Chloromethane	2.215	50	118676	29.077 ug/L	99
5) Vinyl chloride	2.361	62	186586	33.944 ug/L	96
6) Bromomethane	2.769	94	70095	19.334 ug/L	94
8) Chloroethane	2.916	64	58884	23.832 ug/L	99
9) Trichlorofluoromethane	3.245	101	74051	29.080 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	114136	27.689 ug/L	99
12) 1,1-Dichloroethene	4.038	96	98683	28.779 ug/L	92
13) Acetone	4.123	43	42192	50.112 ug/L	82
14) Carbon disulfide	4.379	76	296109	32.015 ug/L	98
15) Methyl Acetate	4.665	43	47155	24.446 ug/L	98
16) Methylene chloride	4.909	84	105743	21.725 ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	116038	26.814 ug/L	95
18) Methyl tert-butyl Ether	5.428	73	158157	24.921 ug/L	99
19) 1,1-Dichloroethane	6.214	63	199784	26.177 ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	120806m	25.616 ug/L	
22) 2-Butanone	7.171	43	66766	48.503 ug/L	99
23) Bromochloromethane	7.513	128	60014	25.711 ug/L #	94
25) Chloroform	7.677	83	224348	26.333 ug/L	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.397	62	149991	26.629	ug/L	98
29)	Cyclohexane	7.951	56	175948	28.417	ug/L	99
30)	1,1,1-Trichloroethane	7.866	97	183017	25.769	ug/L	99
31)	Carbon tetrachloride	8.067	117	170117	26.496	ug/L	99
33)	Benzene	8.323	78	479803	26.044	ug/L	100
34)	Trichloroethene	9.091	95	124830	25.290	ug/L	96
35)	Methylcyclohexane	9.335	83	218384	28.118	ug/L	100
37)	1,2-Dichloropropane	9.366	63	116036	26.040	ug/L	100
38)	Bromodichloromethane	9.646	83	162318	25.442	ug/L	99
39)	cis-1,3-Dichloropropene	10.073	75	181876	26.358	ug/L	95
40)	4-Methyl-2-pentanone	10.207	43	145710	49.892	ug/L	99
42)	Toluene	10.384	91	552332	27.106	ug/L	96
44)	trans-1,3-Dichloropropene	10.603	75	166206	26.061	ug/L	99
45)	1,1,2-Trichloroethane	10.786	97	98456	25.985	ug/L	97
46)	Tetrachloroethene	10.859	164	99115	24.968	ug/L	96
48)	2-Hexanone	10.969	43	108226	53.952	ug/L	100
49)	Dibromochloromethane	11.128	129	118649	25.627	ug/L	94
50)	1,2-Dibromoethane	11.237	107	94836	25.119	ug/L	93
51)	Chlorobenzene	11.652	112	359183	25.760	ug/L	97
52)	Ethylbenzene	11.725	91	615007	27.059	ug/L	99
53)	m,p-Xylene	11.835	106	242494	27.137	ug/L	96
54)	o-Xylene	12.164	106	233322	27.644	ug/L	99
55)	Styrene	12.176	104	410607	27.836	ug/L	97
57)	1,1,2,2-Tetrachloroethane	12.713	83	123669	25.379	ug/L	100
59)	Bromoform	12.353	173	63002	24.311	ug/L	95
60)	Isopropylbenzene	12.463	105	637904	27.685	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	87258	24.801	ug/L	99
62)	1,3,5-Trimethylbenzene	12.938	105	532767	27.830	ug/L	100
63)	1,2,4-Trimethylbenzene	13.249	105	541044	28.163	ug/L	97
64)	1,3-Dichlorobenzene	13.499	146	292103	26.377	ug/L	98
65)	1,4-Dichlorobenzene	13.579	146	287691	25.616	ug/L	98
67)	1,2-Dichlorobenzene	13.865	146	261915	26.099	ug/L	95
68)	1,2-Dibromo-3-chloropr...	14.481	75	19620	24.385	ug/L	92
69)	1,3,5-Trichlorobenzene	14.627	180	193309	26.144	ug/L	99
70)	1,2,4-trichlorobenzene	15.127	180	145502	24.385	ug/L	94
71)	Naphthalene	15.365	128	314674	25.418	ug/L	99
72)	1,2,3-Trichlorobenzene	15.554	180	137221	25.197	ug/L	98

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

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