Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071122\
Data File : VW023596.D
Acq On : 11 Jul 2022 15:59
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 01:42:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 12 01:39:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	337283	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	323328	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175041	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	142772	23.385	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.520%			
7) Chloroethane-d5	2.879	69	83601	23.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.760%			
11) 1,1-Dichloroethene-d2	4.013	63	163815	23.798	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.200%			
21) 2-Butanone-d5	7.080	46	57405	45.277	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.560%			
24) Chloroform-d	7.647	84	224865	23.406	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.640%			
26) 1,2-Dichloroethane-d4	8.299	65	122127	22.491	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.960%			
32) Benzene-d6	8.269	84	416978	23.308	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.240%			
36) 1,2-Dichloropropane-d6	9.268	67	122145	23.321	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.280%			
41) Toluene-d8	10.323	98	406999	23.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.880%			
43) trans-1,3-Dichloroprop...	10.573	79	54033	23.111	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.440%			
47) 2-Hexanone-d5	10.921	63	48379	47.228	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.460%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121783	23.437	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	153258	24.268	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	71330m	35.357	ug/L	
3) Chloromethane	2.215	50	109271	23.388	ug/L	100
5) Vinyl chloride	2.355	62	191288	25.186	ug/L	99
6) Bromomethane	2.770	94	96127	21.923	ug/L	96
8) Chloroethane	2.916	64	72868	25.395	ug/L	98
9) Trichlorofluoromethane	3.245	101	87532	28.888	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	117108	24.345	ug/L	99
12) 1,1-Dichloroethene	4.026	96	96744	24.121	ug/L	94
13) Acetone	4.123	43	46454	49.714	ug/L	96
14) Carbon disulfide	4.373	76	281284	23.555	ug/L	99
15) Methyl Acetate	4.672	43	48155	21.956	ug/L	99
16) Methylene chloride	4.910	84	120759	21.112	ug/L	93
17) trans-1,2-Dichloroethene	5.416	96	114805	23.781	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	165504	23.220	ug/L	99
19) 1,1-Dichloroethane	6.208	63	206894	24.431	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	125358	23.708	ug/L	96
22) 2-Butanone	7.171	43	72226	43.078	ug/L	99
23) Bromochloromethane	7.507	128	60875	23.137	ug/L	98
25) Chloroform	7.671	83	231383	24.055	ug/L	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.397	62	150987	23.194	ug/L	98
29)	Cyclohexane	7.952	56	172339	25.622	ug/L	99
30)	1,1,1-Trichloroethane	7.866	97	192844	25.086	ug/L	99
31)	Carbon tetrachloride	8.061	117	174313	24.477	ug/L	99
33)	Benzene	8.317	78	488497	24.061	ug/L	100
34)	Trichloroethene	9.092	95	129532	24.479	ug/L	98
35)	Methylcyclohexane	9.329	83	217580	25.559	ug/L	98
37)	1,2-Dichloropropane	9.366	63	118824	24.208	ug/L	99
38)	Bromodichloromethane	9.640	83	173829	25.083	ug/L	100
39)	cis-1,3-Dichloropropene	10.073	75	186991	24.975	ug/L	100
40)	4-Methyl-2-pentanone	10.207	43	151751	46.439	ug/L	99
42)	Toluene	10.384	91	562695	25.402	ug/L	100
44)	trans-1,3-Dichloropropene	10.604	75	172922	25.049	ug/L	98
45)	1,1,2-Trichloroethane	10.787	97	101380	23.996	ug/L	94
46)	Tetrachloroethene	10.860	164	101504	24.404	ug/L	96
48)	2-Hexanone	10.969	43	110042	47.532	ug/L	98
49)	Dibromochloromethane	11.128	129	126312	25.113	ug/L	100
50)	1,2-Dibromoethane	11.232	107	97018	23.261	ug/L	96
51)	Chlorobenzene	11.652	112	365885	24.260	ug/L	99
52)	Ethylbenzene	11.725	91	624092	24.953	ug/L	98
53)	m,p-Xylene	11.835	106	246151	25.369	ug/L	99
54)	o-Xylene	12.164	106	239116	25.734	ug/L	100
55)	Styrene	12.177	104	425007	26.303	ug/L	98
57)	1,1,2,2-Tetrachloroethane	12.713	83	126407	23.253	ug/L	99
59)	Bromoform	12.347	173	70076	23.933	ug/L	98
60)	Isopropylbenzene	12.463	105	665343	26.302	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	90398	22.718	ug/L	99
62)	1,3,5-Trimethylbenzene	12.939	105	548966	26.168	ug/L	99
63)	1,2,4-Trimethylbenzene	13.249	105	547036	26.068	ug/L	99
64)	1,3-Dichlorobenzene	13.499	146	297146	24.832	ug/L	98
65)	1,4-Dichlorobenzene	13.573	146	300514	24.761	ug/L	99
67)	1,2-Dichlorobenzene	13.865	146	280085	25.382	ug/L	95
68)	1,2-Dibromo-3-chloropr...	14.481	75	20237	21.581	ug/L	93
69)	1,3,5-Trichlorobenzene	14.621	180	195757	25.212	ug/L	99
70)	1,2,4-trichlorobenzene	15.127	180	151747	24.188	ug/L	96
71)	Naphthalene	15.359	128	322572	23.820	ug/L	100
72)	1,2,3-Trichlorobenzene	15.548	180	142956	24.583	ug/L	96

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

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