Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072722\
Data File : VW024117.D
Acq On : 27 Jul 2022 13:58
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

Manual Integrations APPROVED

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

Quant Time: Jul 27 15:12:56 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	8.836	114	225833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239932	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	128110	26.465	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.840%			
7) Chloroethane-d5	2.873	69	79597	24.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.360%			
11) 1,1-Dichloroethene-d2	4.001	63	101094	23.718	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.880%			
21) 2-Butanone-d5	7.080	46	33992	39.511	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.020%			
24) Chloroform-d	7.641	84	142220	22.907	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.640%			
26) 1,2-Dichloroethane-d4	8.305	65	80094	22.454	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.800%			
32) Benzene-d6	8.269	84	261026	23.420	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.680%			
36) 1,2-Dichloropropane-d6	9.268	67	78195	22.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.960%			
41) Toluene-d8	10.317	98	265323	23.803	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	10.573	79	35733	22.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.680%			
47) 2-Hexanone-d5	10.921	63	29905	40.690	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.380%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	87761	21.636	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	103786	21.048	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	38866	23.303	ug/L	97
3) Chloromethane	2.209	50	123271	28.468	ug/L	99
5) Vinyl chloride	2.349	62	183126	27.133	ug/L	99
6) Bromomethane	2.770	94	101292	27.167	ug/L	93
8) Chloroethane	2.910	64	76048	25.614	ug/L	97
9) Trichlorofluoromethane	3.245	101	93536	29.770	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	71728	24.650	ug/L #	76
12) 1,1-Dichloroethene	4.025	96	61204	25.661	ug/L #	78
13) Acetone	4.123	43	28484	46.658	ug/L	97
14) Carbon disulfide	4.367	76	173775	23.721	ug/L	99
15) Methyl Acetate	4.672	43	30611	20.786	ug/L	97
16) Methylene chloride	4.903	84	86289	25.104	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	71456m	24.486	ug/L	
18) Methyl tert-butyl Ether	5.422	73	104127	24.072	ug/L #	90
19) 1,1-Dichloroethane	6.202	63	137123	24.876	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	80803	25.216	ug/L	99
22) 2-Butanone	7.171	43	43258	44.146	ug/L	99
23) Bromochloromethane	7.507	128	38751	23.498	ug/L	95
25) Chloroform	7.671	83	158040	24.778	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	108863	23.965	ug/L		99
29) Cyclohexane	7.952	56	116697	26.398	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	133165	24.830	ug/L		99
31) Carbon tetrachloride	8.061	117	122706	24.821	ug/L		98
33) Benzene	8.317	78	349284	25.199	ug/L		100
34) Trichloroethene	9.086	95	87943	23.960	ug/L		97
35) Methylcyclohexane	9.335	83	150056	26.910	ug/L		99
37) 1,2-Dichloropropane	9.366	63	87113	24.859	ug/L		100
38) Bromodichloromethane	9.640	83	122411	24.501	ug/L		99
39) cis-1,3-Dichloropropene	10.067	75	130668	25.594	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	107965	44.277	ug/L		100
42) Toluene	10.384	91	418854	26.716	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	125869	26.034	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	71332	23.302	ug/L		98
46) Tetrachloroethene	10.860	164	75549	26.299	ug/L		87
48) 2-Hexanone	10.969	43	84272	47.690	ug/L		99
49) Dibromochloromethane	11.128	129	87872	24.567	ug/L		99
50) 1,2-Dibromoethane	11.232	107	67816	22.627	ug/L	#	98
51) Chlorobenzene	11.652	112	273462	25.917	ug/L		95
52) Ethylbenzene	11.725	91	480428	27.806	ug/L		99
53) m,p-Xylene	11.835	106	189964	28.326	ug/L		97
54) o-Xylene	12.164	106	185554	28.932	ug/L		98
55) Styrene	12.176	104	341145	29.692	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	98673	23.257	ug/L		100
59) Bromoform	12.347	173	51129	21.725	ug/L	#	98
60) Isopropylbenzene	12.463	105	520210	26.974	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	70830	20.697	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	427069	27.525	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	447198	28.477	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	227300	24.643	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	238950	24.404	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	217861	25.251	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15210	19.890	ug/L		87
69) 1,3,5-Trichlorobenzene	14.621	180	153429	26.084	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	118630	26.617	ug/L		98
71) Naphthalene	15.359	128	238724	25.031	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	107483	25.638	ug/L		96

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

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