Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
Data File : VW023400.D
Acq On : 06 Jun 2022 12:28
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV419

Manual Integrations APPROVED

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

Quant Time: Jun 07 01:48:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 06 12:48:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421518	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	396893	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	152818	23.421	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.680%			
7) Chloroethane-d5	2.892	69	110372	24.013	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.040%			
11) 1,1-Dichloroethene-d2	4.019	63	233185	23.798	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.200%			
21) 2-Butanone-d5	7.080	46	57147	45.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.820%			
24) Chloroform-d	7.653	84	265795	23.385	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.520%			
26) 1,2-Dichloroethane-d4	8.305	65	138959	23.273	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.080%			
32) Benzene-d6	8.275	84	521138	23.654	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	9.275	67	149907	24.276	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.120%			
41) Toluene-d8	10.323	98	503585	24.000	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	10.579	79	67728	24.583	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.320%			
47) 2-Hexanone-d5	10.921	63	44576	48.225	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.440%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127472	24.126	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	182166	24.698	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	38082m	27.447	ug/L	
3) Chloromethane	2.221	50	131798	26.941	ug/L	97
5) Vinyl chloride	2.361	62	190218	25.388	ug/L	99
6) Bromomethane	2.782	94	103202	25.059	ug/L	94
8) Chloroethane	2.922	64	94601	25.793	ug/L	98
9) Trichlorofluoromethane	3.263	101	92186	22.425	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	135084	25.010	ug/L	97
12) 1,1-Dichloroethene	4.038	96	125743	26.092	ug/L	89
13) Acetone	4.129	43	37611	39.850	ug/L	97
14) Carbon disulfide	4.385	76	397531	25.737	ug/L	98
15) Methyl Acetate	4.672	43	51067	24.635	ug/L	97
16) Methylene chloride	4.922	84	137355	22.622	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	142078	24.740	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	216036	25.959	ug/L	99
19) 1,1-Dichloroethane	6.220	63	239613	24.949	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	152247	25.346	ug/L #	98
22) 2-Butanone	7.171	43	66690	48.555	ug/L	99
23) Bromochloromethane	7.519	128	70711	25.096	ug/L	85
25) Chloroform	7.677	83	265651	24.977	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	170590	25.475	ug/L	97
29) Cyclohexane	7.958	56	219731	25.910	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	234659	24.852	ug/L	100
31) Carbon tetrachloride	8.067	117	214911	24.672	ug/L	99
33) Benzene	8.323	78	586242	25.170	ug/L	100
34) Trichloroethene	9.092	95	157379	24.700	ug/L	97
35) Methylcyclohexane	9.336	83	266698	25.501	ug/L	99
37) 1,2-Dichloropropane	9.372	63	137204	25.137	ug/L	100
38) Bromodichloromethane	9.646	83	194976	25.461	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	219624	25.684	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	152713	51.458	ug/L	100
42) Toluene	10.390	91	667420	25.412	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	194656	26.083	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	109227	24.926	ug/L	100
46) Tetrachloroethene	10.860	164	121979	24.200	ug/L	89
48) 2-Hexanone	10.969	43	102341	53.327	ug/L	99
49) Dibromochloromethane	11.128	129	138558	26.143	ug/L	96
50) 1,2-Dibromoethane	11.232	107	107617	25.070	ug/L	97
51) Chlorobenzene	11.658	112	432747	25.176	ug/L	96
52) Ethylbenzene	11.731	91	742312	25.652	ug/L	98
53) m,p-Xylene	11.841	106	299052	26.700	ug/L	99
54) o-Xylene	12.164	106	284917	26.554	ug/L	98
55) Styrene	12.183	104	487998	26.430	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	132767	25.266	ug/L	98
59) Bromoform	12.347	173	74526	26.392	ug/L	99
60) Isopropylbenzene	12.463	105	764896	26.230	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94384	25.608	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	650486	26.951	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	654782	27.411	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	350491	26.490	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	347423	25.673	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	308013	25.661	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19840	25.349	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	232652	26.592	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	181174	26.734	ug/L	98
71) Naphthalene	15.359	128	366564	29.145	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	161390	27.388	ug/L	99

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

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