Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020788.D
Acq On : 05 Nov 2021 18:48
Operator : SY/VA
Sample : M4464-02MS
Misc : 6.04g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K1MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 08 04:54:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:38:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	125213	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	99667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	29560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26922	22.868	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.480%			
7) Chloroethane-d5	2.879	69	16215	24.312	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.240%			
11) 1,1-Dichloroethene-d2	4.031	63	90963	36.811	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 147.240%#			
21) 2-Butanone-d5	7.098	46	25773	65.919	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.840%			
24) Chloroform-d	7.652	84	59535	21.399	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	8.305	65	35656	24.074	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.280%			
32) Benzene-d6	8.274	84	105855	23.508	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.040%			
36) 1,2-Dichloropropane-d6	9.274	67	33623	24.117	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.480%			
41) Toluene-d8	10.329	98	92308	21.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.280%			
43) trans-1,3-Dichloroprop...	10.579	79	18515	26.775	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.120%			
47) 2-Hexanone-d5	10.920	63	21036	74.572	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.140%#			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	34400	29.772	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.080%			
66) 1,2-Dichlorobenzene-d4	13.847	152	20340	21.895	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	24227	47.451	ug/L	100
3) Chloromethane	2.214	50	32634	24.427	ug/L	99
5) Vinyl chloride	2.355	62	208389	108.143	ug/L	98
6) Bromomethane	2.769	94	23937	24.002	ug/L	100
8) Chloroethane	2.916	64	23662	33.395	ug/L	97
9) Trichlorofluoromethane	3.251	101	12292	12.027	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	272639	162.193	ug/L	93
12) 1,1-Dichloroethene	4.037	96	114893	71.721	ug/L #	68
13) Acetone	4.117	43	705809	1964.609	ug/L	94
14) Carbon disulfide	4.385	76	108032	22.342	ug/L	98
15) Methyl Acetate	4.665	43	19656	28.837	ug/L	93
16) Methylene chloride	4.915	84	38247	20.628	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	57244	33.616	ug/L	88
18) Methyl tert-butyl Ether	5.427	73	56080	23.274	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	1212596	411.160	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	11004127m	6130.263	ug/L	
22) 2-Butanone	7.183	43	88175m	182.800	ug/L	
23) Bromochloromethane	7.512	128	19524	23.570	ug/L #	76
25) Chloroform	7.677	83	66860	21.776	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.402	62	68503	34.465	ug/L		97
29) Cyclohexane	7.957	56	63904	24.575	ug/L		92
30) 1,1,1-Trichloroethane	7.878	97	146493	61.850	ug/L		95
31) Carbon tetrachloride	8.067	117	46934	20.824	ug/L		98
33) Benzene	8.323	78	184815	30.962	ug/L		100
34) Trichloroethene	9.091	95	6342211	3991.710	ug/L		89
35) Methylcyclohexane	9.335	83	36465	13.152	ug/L		91
37) 1,2-Dichloropropane	9.372	63	34185	24.189	ug/L		98
38) Bromodichloromethane	9.646	83	49795	25.171	ug/L	#	97
39) cis-1,3-Dichloropropene	10.073	75	58572	25.466	ug/L		99
40) 4-Methyl-2-pentanone	10.225	43	186104	201.492	ug/L	#	95
42) Toluene	10.390	91	24094238m	3753.745	ug/L		
44) trans-1,3-Dichloropropene	10.603	75	56562	27.188	ug/L		99
45) 1,1,2-Trichloroethane	10.792	97	31694	30.219	ug/L		91
46) Tetrachloroethene	10.865	164	91081	63.912	ug/L		97
48) 2-Hexanone	10.969	43	55136	81.752	ug/L		93
49) Dibromochloromethane	11.127	129	37536	26.208	ug/L		96
50) 1,2-Dibromoethane	11.237	107	30292	28.485	ug/L	#	100
51) Chlorobenzene	11.658	112	82321	19.884	ug/L		94
52) Ethylbenzene	11.731	91	293338	40.789	ug/L		95
53) m,p-Xylene	11.835	106	295874	102.685	ug/L		90
54) o-Xylene	12.164	106	135655	49.700	ug/L		96
55) Styrene	12.182	104	87486	18.854	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	34582	28.133	ug/L	#	94
59) Bromoform	12.347	173	23464	46.929	ug/L		99
60) Isopropylbenzene	12.463	105	106928	26.245	ug/L		96
61) 1,2,3-Trichloropropane	12.767	75	27032	55.336	ug/L		93
62) 1,3,5-Trimethylbenzene	12.938	105	81376	23.243	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	138498	39.823	ug/L		88
64) 1,3-Dichlorobenzene	13.499	146	36211	19.169	ug/L		98
65) 1,4-Dichlorobenzene	13.578	146	38128	20.262	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	44631	26.747	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.481	75	5869	49.148	ug/L	#	67
69) 1,3,5-Trichlorobenzene	14.621	180	15657	10.442	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	11092	8.874	ug/L		96
71) Naphthalene	15.365	128	40374	19.109	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	10291	9.688	ug/L		99

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

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