Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
Data File : VW026256.D
Acq On : 19 Jun 2023 18:44
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 20 03:19:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 23:58:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
06/20/2023
Supervised By :Mahesh Dadoda
06/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	670060	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	614879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	311293	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162542	17.243	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.960%			
7) Chloroethane-d5	2.899	69	162257	22.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.960%			
11) 1,1-Dichloroethene-d2	4.027	65	88428	19.025	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.080%			
21) 2-Butanone-d5	7.075	46	191230	69.682	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.360%#			
24) Chloroform-d	7.648	84	470775	23.992	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.960%			
26) 1,2-Dichloroethane-d4	8.301	65	268187	24.995	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	8.276	84	910062	21.996	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	9.276	67	307440	23.455	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.800%			
41) Toluene-d8	10.325	98	773506	21.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.320%			
43) trans-1,3-Dichloroprop...	10.575	79	109602	21.101	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.400%			
47) 2-Hexanone-d5	10.922	63	132858	64.281	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	275927	28.928	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.720%			
66) 1,2-Dichlorobenzene-d4	13.848	152	265903	22.317	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	183206m	22.304	ug/L	
3) Chloromethane	2.228	50	245826	23.340	ug/L	97
5) Vinyl chloride	2.375	62	246364	21.883	ug/L	100
6) Bromomethane	2.789	94	140892	22.956	ug/L	99
8) Chloroethane	2.930	64	153347	25.206	ug/L	98
9) Trichlorofluoromethane	3.265	101	164729	22.744	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	201453	22.043	ug/L	98
12) 1,1-Dichloroethene	4.051	96	188994	22.153	ug/L	87
13) Acetone	4.118	43	101170	47.643	ug/L	99
14) Carbon disulfide	4.399	76	582425	19.339	ug/L	99
15) Methyl Acetate	4.667	43	134837	28.292	ug/L	100
16) Methylene chloride	4.923	84	230488	21.552	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	211321	22.077	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	369087	24.466	ug/L	100
19) 1,1-Dichloroethane	6.216	63	464471	23.835	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	242481	23.916	ug/L	99
22) 2-Butanone	7.167	43	177222	58.506	ug/L	98
23) Bromochloromethane	7.514	128	102527	23.711	ug/L	95
25) Chloroform	7.673	83	437515	24.105	ug/L	99

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27) 1,2-Dichloroethane	8.398	62	310805	24.829	ug/L	98
29) Cyclohexane	7.959	56	379887	20.012	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	329076	22.054	ug/L	99
31) Carbon tetrachloride	8.069	117	291048	21.375	ug/L	97
33) Benzene	8.325	78	960582	22.805	ug/L	100
34) Trichloroethene	9.087	95	231147	21.431	ug/L	97
35) Methylcyclohexane	9.337	83	392603	20.571	ug/L	99
37) 1,2-Dichloropropane	9.367	63	273947	24.012	ug/L	100
38) Bromodichloromethane	9.642	83	315004	23.766	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	385950	23.020	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	387925	57.674	ug/L	100
42) Toluene	10.386	91	982922	22.815	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	323425	23.156	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	188858	25.117	ug/L	98
46) Tetrachloroethene	10.861	164	162394	21.287	ug/L	96
48) 2-Hexanone	10.965	43	270395	57.014	ug/L	98
49) Dibromochloromethane	11.129	129	194417	24.662	ug/L	94
50) 1,2-Dibromoethane	11.233	107	172734	24.811	ug/L	99
51) Chlorobenzene	11.654	112	615304	22.792	ug/L	99
52) Ethylbenzene	11.727	91	1121899	23.085	ug/L	98
53) m,p-Xylene	11.836	106	413757	22.885	ug/L	98
54) o-Xylene	12.166	106	389725	22.839	ug/L	100
55) Styrene	12.178	104	700611	23.932	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	239861	26.359	ug/L	97
59) Bromoform	12.349	173	107870	23.071	ug/L	97
60) Isopropylbenzene	12.458	105	1079794	22.081	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	175398	25.154	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	865940	22.275	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	795880	22.353	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	460175	22.381	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	466784	22.549	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	416091	22.535	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	38637	23.916	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	280713	19.875	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	246746	21.172	ug/L	96
71) Naphthalene	15.360	128	530665	25.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230663	22.646	ug/L	100

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

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