Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
Data File : VW026229.D
Acq On : 16 Jun 2023 15:41
Operator : SY/MD
Sample : 03307-09MSD
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 17 00:05:28 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 :
YBW10MSD

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt

06/19/2023
Supervised By :Mahesh Dadoda

06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	161860	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	145202	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	65971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	44372	19.487	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.960%			
7) Chloroethane-d5	2.887	69	40592	23.814	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.240%			
11) 1,1-Dichloroethene-d2	4.015	65	22799	20.306	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.240%			
21) 2-Butanone-d5	7.081	46	40295	60.784	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.560%			
24) Chloroform-d	7.654	84	105615	22.282	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.120%			
26) 1,2-Dichloroethane-d4	8.307	65	61805	23.846	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	8.276	84	197663	20.231	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.920%			
36) 1,2-Dichloropropane-d6	9.276	67	67090	21.674	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.680%			
41) Toluene-d8	10.319	98	158523	18.295	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.200%			
43) trans-1,3-Dichloroprop...	10.575	79	23459	19.125	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.520%			
47) 2-Hexanone-d5	10.922	63	16075	32.936	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.880%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64651	28.702	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	49130	19.457	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	57266	28.861	ug/L	91
3) Chloromethane	2.216	50	66683	26.210	ug/L	99
5) Vinyl chloride	2.369	62	80455	29.584	ug/L	99
6) Bromomethane	2.789	94	40021	26.995	ug/L	92
8) Chloroethane	2.924	64	46155	31.407	ug/L	94
9) Trichlorofluoromethane	3.265	101	99136	56.663	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67473	30.563	ug/L	98
12) 1,1-Dichloroethene	4.039	96	124945m	60.629	ug/L	
13) Acetone	4.125	43	50116	97.701	ug/L	100
14) Carbon disulfide	4.387	76	176358	24.242	ug/L	97
15) Methyl Acetate	4.667	43	36716	31.892	ug/L	98
16) Methylene chloride	4.911	84	76869	29.755	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	56713	24.528	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	121341	33.297	ug/L	99
19) 1,1-Dichloroethane	6.216	63	125386	26.637	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	60964	24.892	ug/L	99
22) 2-Butanone	7.173	43	53766	73.479	ug/L	99
23) Bromochloromethane	7.514	128	25908	24.804	ug/L	94
25) Chloroform	7.679	83	111520	25.436	ug/L	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.398	62	86883	28.733	ug/L	100
29)	Cyclohexane	7.959	56	108035	24.100	ug/L	98
30)	1,1,1-Trichloroethane	7.868	97	112425	31.906	ug/L	99
31)	Carbon tetrachloride	8.069	117	84879	26.397	ug/L	99
33)	Benzene	8.325	78	246689	24.801	ug/L	100
34)	Trichloroethene	9.093	95	63163	24.799	ug/L	98
35)	Methylcyclohexane	9.337	83	107331	23.815	ug/L	97
37)	1,2-Dichloropropane	9.367	63	69407	25.762	ug/L	98
38)	Bromodichloromethane	9.642	83	77482	24.755	ug/L	98
39)	cis-1,3-Dichloropropene	10.069	75	87063	21.990	ug/L	97
40)	4-Methyl-2-pentanone	10.209	43	82766	52.107	ug/L	98
42)	Toluene	10.386	91	241465	23.734	ug/L	99
44)	trans-1,3-Dichloropropene	10.605	75	75161	22.787	ug/L	100
45)	1,1,2-Trichloroethane	10.788	97	49211	27.715	ug/L	98
46)	Tetrachloroethene	10.861	164	44487	24.694	ug/L	91
48)	2-Hexanone	10.965	43	48443	43.254	ug/L	95
49)	Dibromochloromethane	11.129	129	45689	24.542	ug/L	96
50)	1,2-Dibromoethane	11.233	107	42157	25.642	ug/L	99
51)	Chlorobenzene	11.654	112	142297	22.320	ug/L	98
52)	Ethylbenzene	11.727	91	244938	21.342	ug/L	98
53)	m,p-Xylene	11.837	106	91766	21.494	ug/L	97
54)	o-Xylene	12.166	106	86354	21.429	ug/L	93
55)	Styrene	12.178	104	148811	21.525	ug/L	99
57)	1,1,2,2-Tetrachloroethane	12.708	83	63497	29.549	ug/L	97
59)	Bromoform	12.349	173	27548	27.802	ug/L	98
60)	Isopropylbenzene	12.458	105	247354	23.868	ug/L	99
61)	1,2,3-Trichloropropane	12.763	75	47164	31.916	ug/L	98
62)	1,3,5-Trimethylbenzene	12.940	105	178931	21.719	ug/L	96
63)	1,2,4-Trimethylbenzene	13.251	105	156832	20.784	ug/L	100
64)	1,3-Dichlorobenzene	13.495	146	103033	23.645	ug/L	94
65)	1,4-Dichlorobenzene	13.574	146	97826	22.299	ug/L	95
67)	1,2-Dichlorobenzene	13.867	146	92546	23.651	ug/L	90
68)	1,2-Dibromo-3-chloropr...	14.476	75	9472	27.666	ug/L	92
69)	1,3,5-Trichlorobenzene	14.623	180	64243	21.462	ug/L	98
70)	1,2,4-trichlorobenzene	15.129	180	47399	19.191	ug/L	99
71)	Naphthalene	15.360	128	78104	17.743	ug/L	99
72)	1,2,3-Trichlorobenzene	15.549	180	45456	21.058	ug/L	99

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

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