Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
Data File : VW024328.D
Acq On : 24 Aug 2022 17:50
Operator : SY/VA
Sample : N4322-02MS
Misc : 5.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

Quant Time: Aug 25 01:34:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 25 01:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	223180	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	199981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126916	27.206	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.840%			
7) Chloroethane-d5	2.873	69	103445	35.597	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.400%			
11) 1,1-Dichloroethene-d2	4.007	63	107820m	20.280	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.120%			
21) 2-Butanone-d5	7.080	46	53655	61.821	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.640%			
24) Chloroform-d	7.647	84	176197	26.092	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.360%			
26) 1,2-Dichloroethane-d4	8.305	65	103038	27.483	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.920%			
32) Benzene-d6	8.275	84	303645	25.745	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.000%			
36) 1,2-Dichloropropane-d6	9.268	67	98425	28.265	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.040%			
41) Toluene-d8	10.323	98	265586	24.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.360%			
43) trans-1,3-Dichloroprop...	10.573	79	37567	24.630	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.520%			
47) 2-Hexanone-d5	10.927	63	44025	68.447	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.900%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	111926	33.129	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 132.520%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	62840	21.296	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	45844	23.348	ug/L	97
3) Chloromethane	2.209	50	84973	23.075	ug/L	98
5) Vinyl chloride	2.349	62	170572	33.275	ug/L	99
6) Bromomethane	2.764	94	102374	34.831	ug/L	91
8) Chloroethane	2.910	64	90445	40.279	ug/L	94
9) Trichlorofluoromethane	3.245	101	65591	26.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71247	21.739	ug/L	95
12) 1,1-Dichloroethene	4.032	96	54569	20.338	ug/L	96
13) Acetone	4.129	43	51130	80.017	ug/L	66
14) Carbon disulfide	4.373	76	130009	15.142	ug/L	96
15) Methyl Acetate	4.672	43	35218	24.470	ug/L	97
16) Methylene chloride	4.910	84	83277	21.160	ug/L	90
17) trans-1,2-Dichloroethene	5.416	96	64458	20.803	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	134873	30.526	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	148027	27.121	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	80231	23.578	ug/L #	92
22) 2-Butanone	7.171	43	72682	67.502	ug/L	95
23) Bromochloromethane	7.513	128	38490	22.712	ug/L	85
25) Chloroform	7.671	83	170098	28.282	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120771	29.842	ug/L		99
29) Cyclohexane	7.958	56	99415	24.248	ug/L		96
30) 1,1,1-Trichloroethane	7.872	97	131837	29.233	ug/L		97
31) Carbon tetrachloride	8.068	117	105592	24.818	ug/L		99
33) Benzene	8.324	78	351558	29.765	ug/L		100
34) Trichloroethene	9.092	95	76505	24.506	ug/L		93
35) Methylcyclohexane	9.329	83	100158	20.459	ug/L		96
37) 1,2-Dichloropropane	9.366	63	94833	32.480	ug/L		100
38) Bromodichloromethane	9.646	83	125020	30.529	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	118363	27.555	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	147169	75.949	ug/L		96
42) Toluene	10.384	91	363355	28.950	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	111681	28.454	ug/L		99
45) 1,1,2-Trichloroethane	10.787	97	76371	31.034	ug/L		96
46) Tetrachloroethene	10.860	164	51664	20.442	ug/L		88
48) 2-Hexanone	10.969	43	102911	78.257	ug/L		97
49) Dibromochloromethane	11.128	129	84560	28.542	ug/L		96
50) 1,2-Dibromoethane	11.232	107	66463	28.189	ug/L	#	100
51) Chlorobenzene	11.652	112	205549	23.969	ug/L		91
52) Ethylbenzene	11.725	91	367500	26.725	ug/L		99
53) m,p-Xylene	11.835	106	142357	26.595	ug/L		96
54) o-Xylene	12.164	106	138956	27.478	ug/L		97
55) Styrene	12.177	104	222828	25.335	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	101572	33.026	ug/L		94
59) Bromoform	12.347	173	43152	35.084	ug/L		98
60) Isopropylbenzene	12.463	105	368409	37.741	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	72165	44.970	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	275210	34.117	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	257499	32.413	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	111998	23.431	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	114638	22.649	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	109838	24.198	ug/L	#	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	14558	38.829	ug/L	#	72
69) 1,3,5-Trichlorobenzene	14.621	180	47836	15.262	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	27270	10.864	ug/L		97
71) Naphthalene	15.365	128	68205	13.950	ug/L		98
72) 1,2,3-Trichlorobenzene	15.548	180	24766	10.837	ug/L		95

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

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