Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025151.D
Acq On : 22 Dec 2022 12:30
Operator : SY/MD
Sample : N6169-03MS
Misc : 5.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQ97MS

Quant Time: Dec 23 00:44:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 23 00:42:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334406	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152504	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105478	27.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.440%			
7) Chloroethane-d5	2.885	69	73661	29.593	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.360%			
11) 1,1-Dichloroethene-d2	4.019	63	231499	27.411	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.640%			
21) 2-Butanone-d5	7.074	46	98404	101.680	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 203.360%#			
24) Chloroform-d	7.647	84	249560	28.911	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 115.640%			
26) 1,2-Dichloroethane-d4	8.305	65	147137	33.612	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 134.440%#			
32) Benzene-d6	8.275	84	497051	27.716	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.880%			
36) 1,2-Dichloropropane-d6	9.274	67	150689	28.877	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.520%			
41) Toluene-d8	10.323	98	451925	27.793	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.160%			
43) trans-1,3-Dichloroprop...	10.573	79	72304	32.801	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 131.200%			
47) 2-Hexanone-d5	10.920	63	85286	111.396	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 222.800%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136035	35.302	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 141.200%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	149920	29.003	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	45711	22.555	ug/L	95
3) Chloromethane	2.215	50	88243	24.728	ug/L	99
5) Vinyl chloride	2.361	62	120136	26.911	ug/L	99
6) Bromomethane	2.782	94	61220	26.466	ug/L	93
8) Chloroethane	2.922	64	57705	27.947	ug/L	97
9) Trichlorofluoromethane	3.257	101	86854	25.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117937	26.688	ug/L	99
12) 1,1-Dichloroethene	4.044	96	111188	26.391	ug/L	93
13) Acetone	4.117	43	68731	69.089	ug/L	100
14) Carbon disulfide	4.385	76	336000	24.981	ug/L	100
15) Methyl Acetate	4.672	43	72715	44.782	ug/L	100
16) Methylene chloride	4.915	84	128807	24.644	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	117874	26.392	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	230869	34.836	ug/L	99
19) 1,1-Dichloroethane	6.214	63	217061	26.896	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131996	27.949	ug/L	96
22) 2-Butanone	7.171	43	101794	81.334	ug/L	99
23) Bromochloromethane	7.513	128	62067	31.057	ug/L	99
25) Chloroform	7.677	83	226867	27.779	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	165497	32.186	ug/L	99
29) Cyclohexane	7.958	56	201238	25.988	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	190717	26.420	ug/L	100
31) Carbon tetrachloride	8.067	117	171372	25.818	ug/L	100
33) Benzene	8.323	78	504270	26.619	ug/L	100
34) Trichloroethene	9.092	95	127402	25.674	ug/L	94
35) Methylcyclohexane	9.335	83	218925	24.873	ug/L	99
37) 1,2-Dichloropropane	9.366	63	126483	27.682	ug/L	99
38) Bromodichloromethane	9.646	83	172836	28.634	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	206324	29.553	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	218505	93.289	ug/L	100
42) Toluene	10.384	91	528794	26.642	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	193488	32.362	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	110246	33.811	ug/L	96
46) Tetrachloroethene	10.860	164	101587	28.122	ug/L	95
48) 2-Hexanone	10.963	43	158200	92.470	ug/L	100
49) Dibromochloromethane	11.128	129	125285	31.993	ug/L	86
50) 1,2-Dibromoethane	11.231	107	107397	35.377	ug/L	100
51) Chlorobenzene	11.658	112	338938	26.683	ug/L	98
52) Ethylbenzene	11.731	91	583985	25.963	ug/L	98
53) m,p-Xylene	11.835	106	190113	22.132	ug/L	92
54) o-Xylene	12.164	106	180997	22.109	ug/L	96
55) Styrene	12.176	104	308535	22.254	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	124446	32.635	ug/L	98
59) Bromoform	12.353	173	66823	31.908	ug/L	98
60) Isopropylbenzene	12.463	105	479864	20.528	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	99922	34.088	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	495770	24.759	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	491887	25.286	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	244218	25.519	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	241528	25.061	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	227510	27.260	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	29357	42.954	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	151400	22.280	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	126726	23.243	ug/L	97
71) Naphthalene	15.359	128	351182	32.856	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	116474	24.376	ug/L	96

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

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