Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
Data File : VW027415.D
Acq On : 24 Oct 2023 14:30
Operator : SY/MD
Sample : 04961-10REMSD
Misc : 6.47g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMSD

Quant Time: Oct 25 01:31:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 25 01:28:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	465450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	260680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	50275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	193704	27.269	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.080%			
7) Chloroethane-d5	2.893	69	156218	30.628	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.520%			
11) 1,1-Dichloroethene-d2	4.021	65	88924	24.983	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.920%			
21) 2-Butanone-d5	7.075	46	155531	65.874	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.740%			
24) Chloroform-d	7.648	84	394253	28.419	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.680%			
26) 1,2-Dichloroethane-d4	8.307	65	201350	27.019	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.080%			
32) Benzene-d6	8.276	84	744817	42.231	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 168.920%#			
36) 1,2-Dichloropropane-d6	9.270	67	245791	45.627	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 182.520%#			
41) Toluene-d8	10.325	98	507525	31.733	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 126.920%			
43) trans-1,3-Dichloroprop...	10.575	79	64903	26.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.680%			
47) 2-Hexanone-d5	10.922	63	100339	90.027	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 180.060%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	159471	39.678	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 158.720%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	55943	30.706	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 122.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	130404	23.547	ug/L #	80
3) Chloromethane	2.222	50	189565	29.785	ug/L	96
5) Vinyl chloride	2.375	62	193334	27.195	ug/L	97
6) Bromomethane	2.783	94	106591	26.324	ug/L	94
8) Chloroethane	2.930	64	114433	27.964	ug/L	97
9) Trichlorofluoromethane	3.265	101	145680	29.046	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	157981	25.154	ug/L	97
12) 1,1-Dichloroethene	4.045	96	147701	24.200	ug/L	93
13) Acetone	4.118	43	135053	66.227	ug/L	99
14) Carbon disulfide	4.387	76	402804	21.289	ug/L	98
15) Methyl Acetate	4.667	43	95681	27.471	ug/L	99
16) Methylene chloride	4.917	84	179988	21.125	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	180235	27.477	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	321890	28.443	ug/L	99
19) 1,1-Dichloroethane	6.216	63	405728	30.317	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	557166	75.215	ug/L	97
22) 2-Butanone	7.167	43	151187	49.532	ug/L	95
23) Bromochloromethane	7.514	128	73678	24.091	ug/L	88
25) Chloroform	7.673	83	321773	25.689	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	206564	24.277	ug/L	98
29) Cyclohexane	7.959	56	251016	31.714	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	272805	42.902	ug/L	98
31) Carbon tetrachloride	8.069	117	203465	35.486	ug/L	100
33) Benzene	8.325	78	664729	39.018	ug/L	100
34) Trichloroethene	9.093	95	213639	47.474	ug/L	96
35) Methylcyclohexane	9.331	83	181680	22.576	ug/L	99
37) 1,2-Dichloropropane	9.367	63	189325	41.100	ug/L	98
38) Bromodichloromethane	9.642	83	201530	35.579	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	225904	29.688	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	268254	84.679	ug/L	99
42) Toluene	10.386	91	541589	30.304	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	155585	24.232	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	112995	35.647	ug/L	96
46) Tetrachloroethene	10.861	164	81702	26.293	ug/L	92
48) 2-Hexanone	10.965	43	183183	78.126	ug/L	99
49) Dibromochloromethane	11.123	129	101034	28.700	ug/L	95
50) 1,2-Dibromoethane	11.233	107	82004	26.683	ug/L	100
51) Chlorobenzene	11.654	112	242302	21.651	ug/L	95
52) Ethylbenzene	11.727	91	445602	21.456	ug/L	99
53) m,p-Xylene	11.837	106	158941	20.178	ug/L	99
54) o-Xylene	12.166	106	193536	25.657	ug/L	98
55) Styrene	12.178	104	223758	17.369	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	131277	33.925	ug/L	98
59) Bromoform	12.349	173	45941	61.410	ug/L	99
60) Isopropylbenzene	12.458	105	437767	55.428	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	93391	85.075	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	325053	49.340	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	260762	40.454	ug/L	98
64) 1,3-Dichlorobenzene	13.489	146	71325	22.270	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	68521	21.423	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	76321	26.855	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	16930	61.708	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	29805	14.336	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	15440	8.725	ug/L	98
71) Naphthalene	15.360	128	68277	18.762	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	16721	11.491	ug/L	86

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

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