Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
Data File : VW027503.D
Acq On : 01 Nov 2023 15:29
Operator : SY/MD
Sample : 05205-06MSD
Misc : 4.93g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCDG8MSD

Quant Time: Nov 02 03:36:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 02 03:33:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	522751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523408	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	112130	14.055	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.200%			
7) Chloroethane-d5	2.893	69	99906	17.440	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.760%			
11) 1,1-Dichloroethene-d2	4.021	65	60459	15.124	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.480%			
21) 2-Butanone-d5	7.075	46	170214	64.190	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.380%			
24) Chloroform-d	7.648	84	332865	21.364	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.440%			
26) 1,2-Dichloroethane-d4	8.307	65	190963	22.817	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.280%			
32) Benzene-d6	8.270	84	597668	16.877	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 67.520%			
36) 1,2-Dichloropropane-d6	9.276	67	219117	20.258	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.040%			
41) Toluene-d8	10.319	98	522210	16.262	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.040%			
43) trans-1,3-Dichloroprop...	10.575	79	88006	17.845	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.400%			
47) 2-Hexanone-d5	10.922	63	139487	62.331	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.660%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234703	29.084	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.320%			
66) 1,2-Dichlorobenzene-d4	13.855	152	201363	19.879	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	116238	18.688	ug/L #	80
3) Chloromethane	2.223	50	151376	21.178	ug/L	97
5) Vinyl chloride	2.375	62	170528	21.358	ug/L	97
6) Bromomethane	2.783	94	95598	21.021	ug/L	98
8) Chloroethane	2.930	64	100021	21.763	ug/L	97
9) Trichlorofluoromethane	3.265	101	126119	22.389	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	148194	21.010	ug/L	94
12) 1,1-Dichloroethene	4.045	96	148955	21.730	ug/L	83
13) Acetone	4.119	43	91214	39.826	ug/L	100
14) Carbon disulfide	4.387	76	363753	17.117	ug/L	100
15) Methyl Acetate	4.667	43	110733	28.308	ug/L	98
16) Methylene chloride	4.923	84	189182	19.771	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	158561	21.523	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	346232	27.240	ug/L	99
19) 1,1-Dichloroethane	6.216	63	365272	24.302	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	199026	23.923	ug/L	97
22) 2-Butanone	7.167	43	156223	45.571	ug/L	99
23) Bromochloromethane	7.514	128	88342	25.720	ug/L	92
25) Chloroform	7.673	83	352311	25.044	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	258420	27.043	ug/L	98
29) Cyclohexane	7.959	56	292870	18.429	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	268674	21.043	ug/L	99
31) Carbon tetrachloride	8.069	117	222011	19.284	ug/L	99
33) Benzene	8.325	78	732387	21.411	ug/L	100
34) Trichloroethene	9.093	95	190710	21.106	ug/L	96
35) Methylcyclohexane	9.337	83	304779	18.862	ug/L	99
37) 1,2-Dichloropropane	9.368	63	223285	24.141	ug/L	99
38) Bromodichloromethane	9.642	83	267965	23.562	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	341652	22.362	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	393817	61.914	ug/L	99
42) Toluene	10.386	91	796416	22.194	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	302462	23.462	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	172830	27.155	ug/L	95
46) Tetrachloroethene	10.861	164	392121	62.849	ug/L	92
48) 2-Hexanone	10.965	43	271906	57.756	ug/L	98
49) Dibromochloromethane	11.130	129	165842	23.463	ug/L	99
50) 1,2-Dibromoethane	11.233	107	154811	25.088	ug/L	98
51) Chlorobenzene	11.654	112	509478	22.673	ug/L	94
52) Ethylbenzene	11.727	91	929025	22.279	ug/L	98
53) m,p-Xylene	11.837	106	335060	21.185	ug/L	99
54) o-Xylene	12.166	106	333245	22.003	ug/L	98
55) Styrene	12.178	104	562768	21.757	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	234644	30.200	ug/L	97
59) Bromoform	12.349	173	99301	23.874	ug/L	100
60) Isopropylbenzene	12.459	105	916380	20.869	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	170994	28.017	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	764595	20.874	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	750150	20.932	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	394448	22.152	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	404907	22.770	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	362864	22.965	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	37814	24.790	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	238839	20.662	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	206588	20.997	ug/L	98
71) Naphthalene	15.354	128	511768	25.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178900	22.113	ug/L	95

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

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