Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026913.D
Acq On : 25 Aug 2023 23:27
Operator : SY/MD
Sample : 04157-15MSD
Misc : 3.66g/10mL/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHV4MSD

Quant Time: Aug 28 01:06:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	554345	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	508575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	272677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	112406	12.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.320%			
7) Chloroethane-d5	2.893	69	103930	15.337	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.360%			
11) 1,1-Dichloroethene-d2	4.021	65	61591	13.742	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.960%			
21) 2-Butanone-d5	7.075	46	124808	47.651	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.300%			
24) Chloroform-d	7.648	84	406406	21.844	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.360%			
26) 1,2-Dichloroethane-d4	8.306	65	232840	22.678	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.720%			
32) Benzene-d6	8.276	84	685984	19.571	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 78.280%			
36) 1,2-Dichloropropane-d6	9.270	67	238731	21.866	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.480%			
41) Toluene-d8	10.318	98	567191	18.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.400%			
43) trans-1,3-Dichloroprop...	10.574	79	94717	21.012	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.040%			
47) 2-Hexanone-d5	10.922	63	62244	54.256	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	205688	23.856	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	204451	20.948	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	125459	16.646	ug/L #	79
3) Chloromethane	2.222	50	208061	20.188	ug/L	97
5) Vinyl chloride	2.381	62	186844	18.965	ug/L	98
6) Bromomethane	2.783	94	107374	18.706	ug/L	99
8) Chloroethane	2.929	64	113149	19.167	ug/L	100
9) Trichlorofluoromethane	3.265	101	154489	19.107	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	164253	18.807	ug/L	97
12) 1,1-Dichloroethene	4.051	96	154903	18.905	ug/L	90
13) Acetone	4.118	43	83635	32.115	ug/L	97
14) Carbon disulfide	4.392	76	451073	15.302	ug/L	99
15) Methyl Acetate	4.673	43	106916	20.495	ug/L	98
16) Methylene chloride	4.923	84	227096	21.178	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	178809	19.556	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	335300	24.236	ug/L	98
19) 1,1-Dichloroethane	6.215	63	423090	22.483	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	210610	21.430	ug/L	92
22) 2-Butanone	7.166	43	145534	37.920	ug/L	98
23) Bromochloromethane	7.514	128	87086	20.514	ug/L	97
25) Chloroform	7.672	83	409435	22.521	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	302110	23.820	ug/L	97
29) Cyclohexane	7.959	56	301261	19.155	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	305180	22.993	ug/L	99
31) Carbon tetrachloride	8.075	117	270119	22.258	ug/L	97
33) Benzene	8.325	78	828650	22.374	ug/L	100
34) Trichloroethene	9.093	95	198780	21.074	ug/L	95
35) Methylcyclohexane	9.337	83	297184	18.417	ug/L	99
37) 1,2-Dichloropropane	9.367	63	235322	23.197	ug/L	100
38) Bromodichloromethane	9.641	83	290313	24.395	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	344966	23.638	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	320638	48.591	ug/L	99
42) Toluene	10.385	91	814724	21.746	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	298084	23.731	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	155690	22.441	ug/L	98
46) Tetrachloroethene	10.861	164	125452	18.307	ug/L	97
48) 2-Hexanone	10.964	43	221232	49.272	ug/L	97
49) Dibromochloromethane	11.129	129	170448	23.490	ug/L	92
50) 1,2-Dibromoethane	11.233	107	137175	21.072	ug/L	97
51) Chlorobenzene	11.653	112	500914	21.166	ug/L	99
52) Ethylbenzene	11.726	91	872414	20.765	ug/L	97
53) m,p-Xylene	11.836	106	311211	19.995	ug/L	99
54) o-Xylene	12.165	106	321393	22.125	ug/L	91
55) Styrene	12.178	104	581506	23.023	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	194218	22.104	ug/L	99
59) Bromoform	12.348	173	97300	22.779	ug/L	96
60) Isopropylbenzene	12.464	105	811688	20.022	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	147653	22.323	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	665370	20.765	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	677850	21.587	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	364702	20.685	ug/L	89
65) 1,4-Dichlorobenzene	13.580	146	361479	19.646	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	341063	21.273	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	34586	21.690	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	234602	19.695	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	213043	21.095	ug/L	97
71) Naphthalene	15.360	128	451915	23.458	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	201369	22.106	ug/L	98

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

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