Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030017.D
Acq On : 23 Aug 2024 17:54
Operator : SY/MD
Sample : P3721-09MSD
Misc : 6.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

Quant Time: Aug 24 05:05:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 24 05:00:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	480935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	387114	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78173	11.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 45.800%			
7) Chloroethane-d5	2.899	69	74095	15.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.800%			
11) 1,1-Dichloroethene-d2	4.021	65	40297	12.929	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.720%			
21) 2-Butanone-d5	7.075	46	64018	34.209	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.420%			
24) Chloroform-d	7.648	84	233710	18.772	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.080%			
26) 1,2-Dichloroethane-d4	8.307	65	122564	17.284	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 69.120%#			
32) Benzene-d6	8.276	84	407582	19.486	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 77.960%			
36) 1,2-Dichloropropane-d6	9.270	67	128643	19.262	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.040%			
41) Toluene-d8	10.319	98	360155	19.365	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.480%			
43) trans-1,3-Dichloroprop...	10.581	79	52326	19.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.440%			
47) 2-Hexanone-d5	10.922	63	53416	48.504	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.000%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101273	20.422	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	85985	19.438	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	66530	10.263	ug/L	91
3) Chloromethane	2.222	50	76392	9.523	ug/L	97
5) Vinyl chloride	2.375	62	99941	11.119	ug/L	100
6) Bromomethane	2.789	94	68969	13.974	ug/L	97
8) Chloroethane	2.930	64	64910	12.694	ug/L	98
9) Trichlorofluoromethane	3.271	101	106692	14.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94705	13.244	ug/L	95
12) 1,1-Dichloroethene	4.051	96	92538	14.084	ug/L	79
13) Acetone	4.118	43	94512	40.639	ug/L	94
14) Carbon disulfide	4.393	76	214615	9.816	ug/L	99
15) Methyl Acetate	4.667	43	43698	11.281	ug/L #	86
16) Methylene chloride	4.917	84	125506	12.483	ug/L	78
17) trans-1,2-Dichloroethene	5.429	96	99984	14.122	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	193172	16.554	ug/L	95
19) 1,1-Dichloroethane	6.216	63	200257	13.411	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	118530	15.434	ug/L	93
22) 2-Butanone	7.173	43	59725	20.043	ug/L	84
23) Bromochloromethane	7.514	128	51225	15.711	ug/L #	75
25) Chloroform	7.673	83	218455	15.528	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 24 05:00:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138170	13.476	ug/L		99
29) Cyclohexane	7.959	56	130306	11.845	ug/L		90
30) 1,1,1-Trichloroethane	7.874	97	173440	17.692	ug/L		93
31) Carbon tetrachloride	8.069	117	146386	16.572	ug/L		94
33) Benzene	8.325	78	432867	16.320	ug/L		100
34) Trichloroethene	9.093	95	113354	16.302	ug/L		97
35) Methylcyclohexane	9.331	83	145175	12.530	ug/L		92
37) 1,2-Dichloropropane	9.367	63	110353	15.182	ug/L		98
38) Bromodichloromethane	9.642	83	151202	17.469	ug/L		95
39) cis-1,3-Dichloropropene	10.075	75	175410	16.571	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	133956	29.014	ug/L	#	86
42) Toluene	10.386	91	451530	16.678	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	142157	16.177	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	85439	17.497	ug/L		96
46) Tetrachloroethene	10.861	164	73662	14.576	ug/L		92
48) 2-Hexanone	10.965	43	96208	27.823	ug/L	#	89
49) Dibromochloromethane	11.123	129	90630	17.879	ug/L		100
50) 1,2-Dibromoethane	11.233	107	80063	17.720	ug/L		92
51) Chlorobenzene	11.654	112	260803	15.487	ug/L		93
52) Ethylbenzene	11.727	91	464046	15.195	ug/L		99
53) m,p-Xylene	11.837	106	168473	15.000	ug/L		96
54) o-Xylene	12.160	106	165508	16.002	ug/L		98
55) Styrene	12.178	104	256960	14.333	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.714	83	95274	15.897	ug/L	#	98
59) Bromoform	12.349	173	51649	24.095	ug/L		99
60) Isopropylbenzene	12.458	105	444913	20.183	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	69596	20.087	ug/L		94
62) 1,3,5-Trimethylbenzene	12.940	105	334880	20.438	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	324905	18.541	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	157184	16.712	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	150858	15.615	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	139456	16.286	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15354	19.517	ug/L		86
69) 1,3,5-Trichlorobenzene	14.623	180	79411	12.340	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	57631	10.630	ug/L		100
71) Naphthalene	15.354	128	132788	12.837	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	48075	9.798	ug/L		98

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

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