Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
Data File : VW030922.D
Acq On : 04 Nov 2024 21:50
Operator : SY/MD
Sample : P4603-03MSD
Misc : 6.05g/10mL/MSVOA_W/SOIL/B
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A4EC8MSD

Quant Time: Nov 05 00:45:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 05 00:39:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	342136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	130534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	112018	19.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.840%			
7) Chloroethane-d5	2.899	69	101603	23.609	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.440%			
11) 1,1-Dichloroethene-d2	4.021	65	50353	21.747	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.000%			
21) 2-Butanone-d5	7.075	46	73764	79.881	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 159.760%#			
24) Chloroform-d	7.648	84	279240	27.685	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.760%			
26) 1,2-Dichloroethane-d4	8.306	65	153654	30.640	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.560%			
32) Benzene-d6	8.276	84	512789	27.827	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.320%			
36) 1,2-Dichloropropane-d6	9.270	67	164512	30.283	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.120%#			
41) Toluene-d8	10.324	98	426067	25.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.120%			
43) trans-1,3-Dichloroprop...	10.574	79	70505	32.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 128.080%			
47) 2-Hexanone-d5	10.922	63	62564	88.864	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 177.720%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	139522	36.864	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 147.440%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	138317	29.090	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	100020	27.445	ug/L	90
3) Chloromethane	2.228	50	130239	26.522	ug/L	99
5) Vinyl chloride	2.375	62	138814	23.852	ug/L	99
6) Bromomethane	2.789	94	99713	26.094	ug/L	95
8) Chloroethane	2.929	64	89513	25.372	ug/L	98
9) Trichlorofluoromethane	3.265	101	126733	23.861	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	129810	26.549	ug/L	96
12) 1,1-Dichloroethene	4.045	96	113930	25.763	ug/L	98
13) Acetone	4.124	43	65349	57.942	ug/L	99
14) Carbon disulfide	4.392	76	355323	24.442	ug/L	99
15) Methyl Acetate	4.673	43	63703	38.507	ug/L	99
16) Methylene chloride	4.923	84	141390	29.231	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	131975	27.203	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	233597	35.674	ug/L	99
19) 1,1-Dichloroethane	6.215	63	258844	28.591	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	153552	29.835	ug/L	97
22) 2-Butanone	7.166	43	92433	73.184	ug/L	98
23) Bromochloromethane	7.514	128	72068	31.974	ug/L	94
25) Chloroform	7.672	83	272687	28.626	ug/L	95

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	186980	31.518	ug/L	98
29) Cyclohexane	7.953	56	188253	26.483	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	200641	26.332	ug/L	99
31) Carbon tetrachloride	8.069	117	178174	26.023	ug/L	98
33) Benzene	8.325	78	565921	29.600	ug/L	100
34) Trichloroethene	9.087	95	137300	26.043	ug/L	95
35) Methylcyclohexane	9.337	83	209917	25.122	ug/L	98
37) 1,2-Dichloropropane	9.367	63	151127	31.628	ug/L	99
38) Bromodichloromethane	9.642	83	195550	31.164	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	226668	31.711	ug/L	97
40) 4-Methyl-2-pentanone	10.208	43	184859	84.597	ug/L	99
42) Toluene	10.385	91	545687	26.953	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	192445	32.408	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	119022	34.703	ug/L	98
46) Tetrachloroethene	10.861	164	91086	22.600	ug/L	94
48) 2-Hexanone	10.964	43	133894	80.539	ug/L	96
49) Dibromochloromethane	11.123	129	126889	33.933	ug/L	97
50) 1,2-Dibromoethane	11.233	107	111103	35.128	ug/L	98
51) Chlorobenzene	11.653	112	343594	26.517	ug/L	94
52) Ethylbenzene	11.727	91	556538	24.328	ug/L	96
53) m,p-Xylene	11.836	106	206486	23.999	ug/L	99
54) o-Xylene	12.165	106	208413	26.326	ug/L	96
55) Styrene	12.178	104	375482	27.759	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	142184	37.988	ug/L	96
59) Bromoform	12.348	173	73714	39.548	ug/L	99
60) Isopropylbenzene	12.458	105	496011	24.911	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	100844	41.207	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	389165	24.824	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	395418	25.900	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	232824	26.630	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	228965	25.509	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	225549	28.946	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	23290	44.951	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	150396	25.923	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	122106	26.506	ug/L	89
71) Naphthalene	15.360	128	323669	43.340	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	132544	33.384	ug/L	95

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

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