Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
Data File : VW029272.D
Acq On : 20 Jun 2024 21:43
Operator : SY/MD
Sample : P2964-10MSD
Misc : 5.50g/10mL/MSVOA_W/SOIL/A
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4CS4MSD

Quant Time: Jun 21 04:49:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 21 02:43:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	450555	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	377637	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143790	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	115208	18.474	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.880%			
7) Chloroethane-d5	2.899	69	93855	17.822	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.280%			
11) 1,1-Dichloroethene-d2	4.015	65	55915	18.570	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.280%			
21) 2-Butanone-d5	7.075	46	94312	50.549	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.100%			
24) Chloroform-d	7.648	84	277667	20.659	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.640%			
26) 1,2-Dichloroethane-d4	8.301	65	162695	21.083	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.320%			
32) Benzene-d6	8.270	84	531179	23.157	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.640%			
36) 1,2-Dichloropropane-d6	9.270	67	174148	23.884	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.520%			
41) Toluene-d8	10.325	98	464166	22.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.480%			
43) trans-1,3-Dichloroprop...	10.575	79	66352	22.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.320%			
47) 2-Hexanone-d5	10.922	63	67220	58.809	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.620%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142519	24.559	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	111264	22.293	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	79262	18.032	ug/L	97
3) Chloromethane	2.222	50	120003	19.146	ug/L	98
5) Vinyl chloride	2.375	62	135651	18.846	ug/L	97
6) Bromomethane	2.783	94	76679	17.725	ug/L	96
8) Chloroethane	2.930	64	87511	19.878	ug/L	99
9) Trichlorofluoromethane	3.265	101	123862	22.196	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	121479	19.744	ug/L	94
12) 1,1-Dichloroethene	4.045	96	114390	21.911	ug/L	89
13) Acetone	4.118	43	58332	36.789	ug/L	94
14) Carbon disulfide	4.393	76	306104	17.961	ug/L	100
15) Methyl Acetate	4.673	43	73102	23.224	ug/L	99
16) Methylene chloride	4.923	84	146301	18.467	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	122911	21.200	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	248251	26.763	ug/L	99
19) 1,1-Dichloroethane	6.216	63	277185	22.136	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	145873	22.816	ug/L	99
22) 2-Butanone	7.167	43	101329	46.620	ug/L	98
23) Bromochloromethane	7.514	128	63425	22.285	ug/L	96
25) Chloroform	7.673	83	265476	21.712	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri Jun 21 02:43:08 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	196816	21.825	ug/L		99
29) Cyclohexane	7.953	56	199014	23.052	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	203663	24.253	ug/L		96
31) Carbon tetrachloride	8.069	117	176128	22.960	ug/L		96
33) Benzene	8.319	78	556573	24.529	ug/L		100
34) Trichloroethene	9.087	95	136272	22.511	ug/L		92
35) Methylcyclohexane	9.337	83	174792	18.360	ug/L		97
37) 1,2-Dichloropropane	9.367	63	158992	24.936	ug/L		98
38) Bromodichloromethane	9.642	83	190111	24.387	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	222405	24.677	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	237517	60.103	ug/L		99
42) Toluene	10.386	91	556524	23.858	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	189422	24.890	ug/L		96
45) 1,1,2-Trichloroethane	10.782	97	111846	25.187	ug/L		95
46) Tetrachloroethene	10.861	164	87549	20.689	ug/L		93
48) 2-Hexanone	10.965	43	162565	57.974	ug/L		98
49) Dibromochloromethane	11.123	129	115987	24.987	ug/L		98
50) 1,2-Dibromoethane	11.233	107	102635	25.748	ug/L		94
51) Chlorobenzene	11.654	112	330969	21.849	ug/L		97
52) Ethylbenzene	11.727	91	599826	22.653	ug/L		98
53) m,p-Xylene	11.836	106	217130	22.450	ug/L		83
54) o-Xylene	12.160	106	214499	23.730	ug/L		98
55) Styrene	12.178	104	354212	22.475	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	135440	24.658	ug/L		98
59) Bromoform	12.349	173	65889	33.434	ug/L		99
60) Isopropylbenzene	12.458	105	546704	28.534	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	104270	33.246	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	394515	28.432	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	422433	28.295	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	192837	23.258	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	207282	23.497	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	177416	23.146	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.476	75	22344	30.529	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.623	180	90150	16.110	ug/L		95
70) 1,2,4-trichlorobenzene	15.129	180	73083	16.111	ug/L		99
71) Naphthalene	15.360	128	212894	23.779	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	63738	15.421	ug/L		98

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

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