Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
Data File : VW030135.D
Acq On : 16 Sep 2024 15:45
Operator : SY/MD
Sample : VSTD05073
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050473

Quant Time: Sep 17 04:20:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 17 04:16:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	140202	42.386	ug/L	0.00
7) Chloroethane-d5	2.899	69	104653	44.815	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	74078	44.822	ug/L	0.00
21) 2-Butanone-d5	7.075	46	82951	104.147	ug/L	0.00
24) Chloroform-d	7.648	84	319922	45.427	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	162431	45.929	ug/L	0.00
32) Benzene-d6	8.276	84	636065	47.293	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	191767	46.180	ug/L	0.00
41) Toluene-d8	10.319	98	567595	47.092	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	81041	48.712	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	72373	113.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152869	49.446	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	185186	46.214	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	143619	51.994	ug/L	94
3) Chloromethane	2.222	50	127713	48.432	ug/L	98
5) Vinyl chloride	2.375	62	152971	47.072	ug/L	97
6) Bromomethane	2.789	94	94905	48.748	ug/L	94
8) Chloroethane	2.936	64	89770	46.284	ug/L	97
9) Trichlorofluoromethane	3.271	101	188937	49.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	166910	48.496	ug/L	97
12) 1,1-Dichloroethene	4.045	96	153296	50.139	ug/L	95
13) Acetone	4.118	43	96247	105.677	ug/L	99
14) Carbon disulfide	4.387	76	410652	47.281	ug/L	98
15) Methyl Acetate	4.667	43	75484	50.796	ug/L	99
16) Methylene chloride	4.917	84	166045	43.964	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	162282	48.148	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	283688	53.406	ug/L	98
19) 1,1-Dichloroethane	6.216	63	335243	48.983	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	188690	51.011	ug/L	94
22) 2-Butanone	7.167	43	118042	111.945	ug/L	100
23) Bromochloromethane	7.514	128	80492	48.693	ug/L	95
25) Chloroform	7.679	83	343645	49.436	ug/L	91
27) 1,2-Dichloroethane	8.398	62	215866	49.522	ug/L	99
29) Cyclohexane	7.959	56	268877	54.055	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	284114	50.312	ug/L	99
31) Carbon tetrachloride	8.075	117	254213	49.541	ug/L	99
33) Benzene	8.325	78	715513	50.127	ug/L	100
34) Trichloroethene	9.093	95	189174	49.095	ug/L	97
35) Methylcyclohexane	9.337	83	307592	51.780	ug/L	99
37) 1,2-Dichloropropane	9.368	63	195149	50.441	ug/L	99
38) Bromodichloromethane	9.648	83	245206	50.333	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	307840	54.391	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	223115	112.864	ug/L	100
42) Toluene	10.386	91	770494	50.871	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	255711	53.708	ug/L	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	1,1,2-Trichloroethane	10.788	97	142678	50.682	ug/L	95
46)	Tetrachloroethene	10.861	164	136071	47.858	ug/L	94
48)	2-Hexanone	10.965	43	170520	112.170	ug/L	98
49)	Dibromochloromethane	11.129	129	158596	51.763	ug/L	96
50)	1,2-Dibromoethane	11.233	107	130919	50.435	ug/L	97
51)	Chlorobenzene	11.654	112	485690	49.646	ug/L	98
52)	Ethylbenzene	11.727	91	909446	52.455	ug/L	97
53)	m,p-Xylene	11.837	106	336351	52.580	ug/L	97
54)	o-Xylene	12.160	106	319101	53.011	ug/L	94
55)	Styrene	12.178	104	561549	53.782	ug/L	96
57)	1,1,2,2-Tetrachloroethane	12.708	83	172220	51.253	ug/L	99
59)	Bromoform	12.343	173	96939	51.889	ug/L	98
60)	Isopropylbenzene	12.458	105	894149	51.447	ug/L	98
61)	1,2,3-Trichloropropane	12.763	75	121761	49.583	ug/L	98
62)	1,3,5-Trimethylbenzene	12.940	105	719463	56.480	ug/L	98
63)	1,2,4-Trimethylbenzene	13.245	105	713590	53.885	ug/L	98
64)	1,3-Dichlorobenzene	13.495	146	397346	51.586	ug/L	92
65)	1,4-Dichlorobenzene	13.574	146	383141	48.147	ug/L	96
67)	1,2-Dichlorobenzene	13.867	146	342212	49.297	ug/L	97
68)	1,2-Dibromo-3-chloropr...	14.476	75	27708	51.734	ug/L	99
69)	1,3,5-Trichlorobenzene	14.629	180	250122	46.522	ug/L	96
70)	1,2,4-trichlorobenzene	15.123	180	220950	50.733	ug/L	97
71)	Naphthalene	15.360	128	442948	56.008	ug/L	99
72)	1,2,3-Trichlorobenzene	15.549	180	185809	48.653	ug/L	98

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

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