Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
Data File : VW030253.D
Acq On : 26 Sep 2024 11:54
Operator : SY/MD
Sample : VSTD05079
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050479

Quant Time: Sep 27 04:09:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 27 04:06:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	177039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	154832	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	72544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114929	48.112	ug/L	0.00
7) Chloroethane-d5	2.899	69	82640	46.935	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	58091	49.093	ug/L	0.00
21) 2-Butanone-d5	7.075	46	42374	69.025	ug/L	0.00
24) Chloroform-d	7.648	84	251344	47.947	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	116307	43.499	ug/L	0.00
32) Benzene-d6	8.276	84	513617	52.514	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	150974	49.858	ug/L	0.00
41) Toluene-d8	10.319	98	473088	54.427	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	53137	46.297	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	33386	78.765	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80745	39.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	126395	50.067	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	100376	52.705	ug/L #	89
3) Chloromethane	2.222	50	134222	49.354	ug/L	98
5) Vinyl chloride	2.375	62	129814	47.377	ug/L	96
6) Bromomethane	2.789	94	73941	44.483	ug/L	95
8) Chloroethane	2.930	64	71264	44.441	ug/L	96
9) Trichlorofluoromethane	3.271	101	117392	48.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	114035	51.793	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	112038	49.909	ug/L	98
13) Acetone	4.118	43	61499	78.577	ug/L	100
14) Carbon disulfide	4.387	76	392146	48.428	ug/L	99
15) Methyl Acetate	4.673	43	36423	32.038	ug/L	100
16) Methylene chloride	4.917	84	111656	41.174	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	126144	49.319	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	140809	40.179	ug/L	98
19) 1,1-Dichloroethane	6.216	63	250620	48.599	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	132530	48.387	ug/L	98
22) 2-Butanone	7.167	43	70471	72.045	ug/L	98
23) Bromochloromethane	7.508	128	48998	43.848	ug/L	97
25) Chloroform	7.673	83	235330	46.898	ug/L	99
27) 1,2-Dichloroethane	8.398	62	135642	41.745	ug/L	99
29) Cyclohexane	7.959	56	221651	56.261	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	197433	51.513	ug/L	99
31) Carbon tetrachloride	8.069	117	179518	51.699	ug/L	99
33) Benzene	8.325	78	545858	51.448	ug/L	100
34) Trichloroethene	9.087	95	139766	50.783	ug/L	96
35) Methylcyclohexane	9.331	83	235695	54.459	ug/L	99
37) 1,2-Dichloropropane	9.367	63	134729	47.909	ug/L	100
38) Bromodichloromethane	9.642	83	157487	48.083	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	194682	48.751	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	102010	73.534	ug/L	100
42) Toluene	10.386	91	568006	51.874	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	149961	46.217	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	75063	41.897	ug/L		95
46) Tetrachloroethene	10.861	164	99223	51.553	ug/L		92
48) 2-Hexanone	10.965	43	94845	81.299	ug/L		99
49) Dibromochloromethane	11.129	129	86057	44.756	ug/L		99
50) 1,2-Dibromoethane	11.233	107	68483	40.680	ug/L	#	99
51) Chlorobenzene	11.654	112	328745	48.829	ug/L		97
52) Ethylbenzene	11.727	91	658125	53.179	ug/L		99
53) m,p-Xylene	11.837	106	237052	52.860	ug/L		99
54) o-Xylene	12.166	106	227114	53.918	ug/L		96
55) Styrene	12.178	104	374094	52.755	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	79469	37.479	ug/L		98
59) Bromoform	12.349	173	43535	43.103	ug/L		98
60) Isopropylbenzene	12.458	105	640088	57.760	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	56110	39.351	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	511181	59.267	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	488158	57.713	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	244765	51.925	ug/L		89
65) 1,4-Dichlorobenzene	13.574	146	234083	48.531	ug/L		97
67) 1,2-Dichlorobenzene	13.861	146	199613	48.609	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.476	75	11099	35.351	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	154835	50.293	ug/L		95
70) 1,2,4-trichlorobenzene	15.129	180	117622	47.180	ug/L		97
71) Naphthalene	15.360	128	190425	44.007	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	97953	45.055	ug/L		94

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

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