Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061025\
Data File : VW031714.D
Acq On : 10 Jun 2025 10:09
Operator : SY/MD
Sample : VSTD05073
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050473

Quant Time: Jun 26 07:41:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061025SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 25 07:47:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	380184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346481	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.393	65	238343	50.056	ug/L	0.00
7) Chloroethane-d5	2.930	69	193661	49.271	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.045	65	118524	47.402	ug/L	0.00
21) 2-Butanone-d5	7.100	46	181431	97.281	ug/L	0.00
24) Chloroform-d	7.667	84	525911	47.722	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.319	65	298194	46.112	ug/L	0.00
32) Benzene-d6	8.288	84	994837	47.480	ug/L	0.01
36) 1,2-Dichloropropane-d6	9.282	67	288605	46.449	ug/L	0.00
41) Toluene-d8	10.325	98	924181	47.801	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	147367	48.948	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	151042	103.365	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287216	46.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	299730	45.063	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	225071	50.209	ug/L	98
3) Chloromethane	2.253	50	223777	49.866	ug/L	99
5) Vinyl chloride	2.399	62	271033	50.623	ug/L	99
6) Bromomethane	2.820	94	189783	49.860	ug/L	97
8) Chloroethane	2.966	64	171282	49.943	ug/L	94
9) Trichlorofluoromethane	3.301	101	263851	55.561	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.100	101	255714	50.263	ug/L	98
12) 1,1-Dichloroethene	4.076	96	255304	50.237	ug/L	87
13) Acetone	4.155	43	134842	83.808	ug/L	100
14) Carbon disulfide	4.417	76	741601	52.772	ug/L	100
15) Methyl Acetate	4.704	43	157579	49.373	ug/L	98
16) Methylene chloride	4.947	84	256791	40.210	ug/L	95
17) trans-1,2-Dichloroethene	5.454	96	270331	51.224	ug/L	97
18) Methyl tert-butyl Ether	5.460	73	439076	50.955	ug/L	99
19) 1,1-Dichloroethane	6.240	63	493103	50.313	ug/L	100
20) cis-1,2-Dichloroethene	7.191	96	300749	51.214	ug/L	97
22) 2-Butanone	7.191	43	204241	103.763	ug/L	99
23) Bromochloromethane	7.532	128	134895	50.846	ug/L	96
25) Chloroform	7.691	83	524673	49.969	ug/L	99
27) 1,2-Dichloroethane	8.410	62	378586	49.463	ug/L	98
29) Cyclohexane	7.965	56	485537	53.042	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	412517	50.968	ug/L	99
31) Carbon tetrachloride	8.081	117	385276	51.784	ug/L	98
33) Benzene	8.331	78	1093996	50.299	ug/L	100
34) Trichloroethene	9.099	95	307902	50.270	ug/L	94
35) Methylcyclohexane	9.343	83	530131	53.321	ug/L	100
37) 1,2-Dichloropropane	9.374	63	276484	49.619	ug/L	100
38) Bromodichloromethane	9.648	83	383794	51.349	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	472702	52.087	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Wed Jun 25 07:47:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	10.209	43	480745	106.638	ug/L	100
42) Toluene	10.392	91	1205295	51.442	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	418277	52.650	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	236721	50.322	ug/L	96
46) Tetrachloroethene	10.861	164	221443	51.060	ug/L	96
48) 2-Hexanone	10.971	43	334459	107.382	ug/L	97
49) Dibromochloromethane	11.129	129	256543	52.642	ug/L	95
50) 1,2-Dibromoethane	11.239	107	235283	50.586	ug/L	98
51) Chlorobenzene	11.654	112	737852	49.261	ug/L	97
52) Ethylbenzene	11.727	91	1398824	52.343	ug/L	100
53) m,p-Xylene	11.836	106	509242	51.415	ug/L	96
54) o-Xylene	12.166	106	499292	52.706	ug/L	87
55) Styrene	12.178	104	852121	52.791	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	308623	51.318	ug/L	97
59) Bromoform	12.349	173	153570	50.428	ug/L	97
60) Isopropylbenzene	12.458	105	1364480	50.511	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	234220	48.379	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1133953	52.527	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1099170	51.304	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	578314	50.215	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	571414	48.422	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	520625	48.474	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	60699	49.318	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	357368	47.216	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	319821	48.225	ug/L	94
71) Naphthalene	15.360	128	867649	51.829	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	299233	48.023	ug/L	99

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

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