Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
Data File : VW025109.D
Acq On : 21 Nov 2022 10:40
Operator : SY/VA
Sample : VSTD05070
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050470

Quant Time: Nov 22 02:20:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 22 02:18:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	442899	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	391788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	265223	48.733	ug/L	0.00
7) Chloroethane-d5	2.891	69	174779	49.132	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	580430	49.551	ug/L	0.00
21) 2-Butanone-d5	7.080	46	110108	96.550	ug/L	0.00
24) Chloroform-d	7.653	84	552597	48.348	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	268947	47.646	ug/L	0.00
32) Benzene-d6	8.275	84	1118286	47.346	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	324719	47.542	ug/L	0.00
41) Toluene-d8	10.323	98	1048649	48.893	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	138567	50.279	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	89225	102.847	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	217366	47.907	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	312987	48.029	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	77811	57.637	ug/L	100
3) Chloromethane	2.221	50	243341	49.742	ug/L	96
5) Vinyl chloride	2.367	62	344721	52.010	ug/L	99
6) Bromomethane	2.782	94	167126	51.873	ug/L	98
8) Chloroethane	2.928	64	160087	52.420	ug/L	99
9) Trichlorofluoromethane	3.263	101	261249	52.247	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	312767	52.229	ug/L	98
12) 1,1-Dichloroethene	4.044	96	309212	52.894	ug/L	98
13) Acetone	4.129	43	124735	104.608	ug/L	99
14) Carbon disulfide	4.391	76	1020771	52.073	ug/L	100
15) Methyl Acetate	4.672	43	101240	51.221	ug/L	98
16) Methylene chloride	4.915	84	320720	40.769	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	321053	51.698	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	426959	51.874	ug/L	99
19) 1,1-Dichloroethane	6.220	63	566342	51.756	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	337825	52.521	ug/L	97
22) 2-Butanone	7.177	43	154646	101.307	ug/L	97
23) Bromochloromethane	7.519	128	137500	52.712	ug/L	98
25) Chloroform	7.677	83	567192	51.793	ug/L	100
27) 1,2-Dichloroethane	8.403	62	338749	51.244	ug/L	99
29) Cyclohexane	7.958	56	575267	53.345	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	492866	51.730	ug/L	99
31) Carbon tetrachloride	8.073	117	448797	51.908	ug/L	98
33) Benzene	8.323	78	1309535	51.807	ug/L	100
34) Trichloroethene	9.098	95	339014	51.171	ug/L	96
35) Methylcyclohexane	9.335	83	632041	52.736	ug/L	98
37) 1,2-Dichloropropane	9.366	63	310891	51.120	ug/L	99
38) Bromodichloromethane	9.646	83	400646	51.572	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	486970	53.429	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	286794	106.728	ug/L	100
42) Toluene	10.390	91	1376474	51.645	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	406595	54.615	ug/L	98

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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	10.786	97	207651	51.013	ug/L	96
46) Tetrachloroethene	10.866	164	253600	51.463	ug/L	93
48) 2-Hexanone	10.969	43	211399	108.918	ug/L	99
49) Dibromochloromethane	11.128	129	253322	52.088	ug/L	95
50) 1,2-Dibromoethane	11.237	107	198435	52.506	ug/L	97
51) Chlorobenzene	11.658	112	852060	51.537	ug/L	98
52) Ethylbenzene	11.731	91	1588673	52.967	ug/L	98
53) m,p-Xylene	11.841	106	608789	52.903	ug/L	99
54) o-Xylene	12.164	106	570071	53.048	ug/L	92
55) Styrene	12.182	104	969173	53.806	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	232888	51.822	ug/L	97
59) Bromoform	12.347	173	125766	51.334	ug/L	97
60) Isopropylbenzene	12.463	105	1600288	51.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	168613	49.307	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1374315	51.995	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1351212	53.013	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	646695	51.673	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	633085	51.039	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	561764	51.844	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	35919	52.306	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	438899	54.492	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	337451	56.553	ug/L	98
71) Naphthalene	15.359	128	652010	59.603	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	288840	58.044	ug/L	97

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

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