Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021061.D
Acq On : 03 Dec 2021 12:56
Operator : SY/VA
Sample : VSTD05028
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

Quant Time: Dec 03 18:36:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 18:32:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	113352	25.000	ug/L	#	0.00
28) Chlorobenzene-d5	11.634	117	106726	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62435	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	81880	52.870	ug/L		0.00
7) Chloroethane-d5	2.879	69	55270	52.384	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	124232	50.146	ug/L		0.00
21) 2-Butanone-d5	7.074	46	32217	90.378	ug/L		0.00
24) Chloroform-d	7.647	84	138815	49.589	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	71951	47.989	ug/L		0.00
32) Benzene-d6	8.275	84	257954	48.220	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	71828	48.453	ug/L		0.00
41) Toluene-d8	10.323	98	265555	48.760	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	35115	51.527	ug/L		0.00
47) 2-Hexanone-d5	10.920	63	26462	93.275	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68347	50.048	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	104214	47.580	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	28224	49.720	ug/L		99
3) Chloromethane	2.209	50	61750	50.625	ug/L		95
5) Vinyl chloride	2.355	62	108651	51.420	ug/L		96
6) Bromomethane	2.769	94	69598	48.354	ug/L		97
8) Chloroethane	2.916	64	46613	51.684	ug/L		98
9) Trichlorofluoromethane	3.257	101	49259	47.618	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	79055	49.972	ug/L	#	75
12) 1,1-Dichloroethene	4.044	96	74000	50.203	ug/L		72
13) Acetone	4.123	43	25120	76.688	ug/L		90
14) Carbon disulfide	4.385	76	213373	53.430	ug/L		99
15) Methyl Acetate	4.672	43	27369	47.404	ug/L	#	91
16) Methylene chloride	4.915	84	69540	40.080	ug/L		83
17) trans-1,2-Dichloroethene	5.427	96	77137	49.745	ug/L		83
18) Methyl tert-butyl Ether	5.427	73	110448	47.600	ug/L		94
19) 1,1-Dichloroethane	6.214	63	121134	49.380	ug/L		98
20) cis-1,2-Dichloroethene	7.171	96	80734	49.469	ug/L		71
22) 2-Butanone	7.165	43	38098	83.748	ug/L		88
23) Bromochloromethane	7.512	128	37987	49.884	ug/L	#	66
25) Chloroform	7.677	83	136815	50.104	ug/L		99
27) 1,2-Dichloroethane	8.403	62	88622	49.312	ug/L		97
29) Cyclohexane	7.958	56	116482	49.760	ug/L	#	83
30) 1,1,1-Trichloroethane	7.872	97	123764	49.656	ug/L		95
31) Carbon tetrachloride	8.067	117	115997	50.684	ug/L		98
33) Benzene	8.323	78	290762	48.188	ug/L		100
34) Trichloroethene	9.091	95	82647	49.488	ug/L		91
35) Methylcyclohexane	9.335	83	140508	49.927	ug/L		85
37) 1,2-Dichloropropane	9.366	63	66957	49.296	ug/L	#	96
38) Bromodichloromethane	9.646	83	99024	51.890	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	114248	52.080	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	86462	94.573	ug/L	#	92
42) Toluene	10.390	91	339438	49.727	ug/L		95
44) trans-1,3-Dichloropropene	10.603	75	103560	52.568	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	55449	48.207	ug/L		95
46) Tetrachloroethene	10.859	164	75632	49.085	ug/L		98
48) 2-Hexanone	10.969	43	64240	97.501	ug/L	#	95
49) Dibromochloromethane	11.128	129	72721	51.790	ug/L		95
50) 1,2-Dibromoethane	11.231	107	57099	49.492	ug/L	#	99
51) Chlorobenzene	11.658	112	222918	48.503	ug/L		91
52) Ethylbenzene	11.725	91	383921	49.649	ug/L		99
53) m,p-Xylene	11.835	106	160671	50.017	ug/L		87
54) o-Xylene	12.164	106	157902	52.869	ug/L		88
55) Styrene	12.182	104	280118	54.564	ug/L		92
57) 1,1,2,2-Tetrachloroethane	12.713	83	68813	50.535	ug/L	#	96
59) Bromoform	12.347	173	46196	52.588	ug/L		99
60) Isopropylbenzene	12.463	105	438411	51.136	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	48776	47.421	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.944	105	371789	51.734	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	374064	51.654	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	203529	50.316	ug/L		93
65) 1,4-Dichlorobenzene	13.578	146	204408	50.639	ug/L		89
67) 1,2-Dichlorobenzene	13.871	146	176610	49.151	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	11455	50.871	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.627	180	142867	48.415	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	115351	47.871	ug/L		97
71) Naphthalene	15.365	128	219352	48.452	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	95263	44.787	ug/L		96

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

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