Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
Data File : VW021669.D
Acq On : 28 Dec 2021 11:27
Operator : SY/VA
Sample : VSTD05041
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050441

Quant Time: Dec 28 12:03:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 28 11:51:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	104670	25.000	ug/L	#	0.00
28) Chlorobenzene-d5	11.628	117	103452	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63408	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.343	65	114611	59.598	ug/L		0.00
7) Chloroethane-d5	2.879	69	76572	59.751	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.013	63	158479	60.294	ug/L		0.00
21) 2-Butanone-d5	7.098	46	25713	90.081	ug/L		0.01
24) Chloroform-d	7.653	84	168567	55.871	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	85177	52.975	ug/L		0.00
32) Benzene-d6	8.275	84	319645	55.544	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.275	67	85836	55.210	ug/L		0.00
41) Toluene-d8	10.323	98	322943	55.408	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	41729	57.047	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	23173	97.822	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	67724	50.891	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	123882	50.202	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	34741	75.724	ug/L		100
3) Chloromethane	2.203	50	79154	55.736	ug/L		98
5) Vinyl chloride	2.349	62	113936	52.422	ug/L		95
6) Bromomethane	2.776	94	71047	50.341	ug/L		99
8) Chloroethane	2.916	64	56508	55.886	ug/L		98
9) Trichlorofluoromethane	3.251	101	72570	61.681	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	84319	56.285	ug/L		90
12) 1,1-Dichloroethene	4.032	96	75596	56.128	ug/L		83
13) Acetone	4.172	43	16855	66.588	ug/L		69
14) Carbon disulfide	4.373	76	222710	61.940	ug/L		100
15) Methyl Acetate	4.690	43	20300	46.013	ug/L	#	83
16) Methylene chloride	4.916	84	71416	40.249	ug/L		84
17) trans-1,2-Dichloroethene	5.428	96	78986	54.266	ug/L		85
18) Methyl tert-butyl Ether	5.434	73	104725	50.825	ug/L		94
19) 1,1-Dichloroethane	6.214	63	121980	53.184	ug/L		97
20) cis-1,2-Dichloroethene	7.171	96	81255	52.932	ug/L		76
22) 2-Butanone	7.196	43	25796	77.179	ug/L		84
23) Bromochloromethane	7.513	128	37585	51.762	ug/L	#	63
25) Chloroform	7.677	83	141252	53.002	ug/L		98
27) 1,2-Dichloroethane	8.403	62	89124	52.092	ug/L		98
29) Cyclohexane	7.958	56	117461	55.235	ug/L	#	82
30) 1,1,1-Trichloroethane	7.878	97	131386	54.596	ug/L		94
31) Carbon tetrachloride	8.067	117	127648	56.907	ug/L		98
33) Benzene	8.323	78	301631	51.876	ug/L		100
34) Trichloroethene	9.092	95	84883	51.865	ug/L		91
35) Methylcyclohexane	9.335	83	143478	53.180	ug/L	#	84
37) 1,2-Dichloropropane	9.372	63	65941	50.843	ug/L	#	96
38) Bromodichloromethane	9.646	83	102111	56.098	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	113085	54.618	ug/L		98
40) 4-Methyl-2-pentanone	10.213	43	63276	87.433	ug/L	#	91
42) Toluene	10.390	91	355807	52.829	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	101316	55.186	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	53115	49.323	ug/L		93
46) Tetrachloroethene	10.866	164	80562	52.130	ug/L		94
48) 2-Hexanone	10.969	43	44813	86.237	ug/L	#	94
49) Dibromochloromethane	11.128	129	73251	54.167	ug/L		97
50) 1,2-Dibromoethane	11.238	107	52346	48.255	ug/L	#	96
51) Chlorobenzene	11.658	112	224297	49.834	ug/L		95
52) Ethylbenzene	11.731	91	401401	52.483	ug/L		94
53) m,p-Xylene	11.841	106	161451	52.491	ug/L		97
54) o-Xylene	12.164	106	155734	53.537	ug/L		94
55) Styrene	12.183	104	269147	53.889	ug/L		87
57) 1,1,2,2-Tetrachloroethane	12.713	83	57529	46.994	ug/L	#	96
59) Bromoform	12.347	173	42883	52.212	ug/L		98
60) Isopropylbenzene	12.463	105	433831	49.987	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	41764	43.880	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.938	105	380118	51.306	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	372853	50.719	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	200376	48.378	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	197989	48.407	ug/L		87
67) 1,2-Dichlorobenzene	13.865	146	163809	45.004	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	8983	44.134	ug/L	#	66
69) 1,3,5-Trichlorobenzene	14.627	180	143510	46.681	ug/L		97
70) 1,2,4-trichlorobenzene	15.133	180	116918	46.550	ug/L		95
71) Naphthalene	15.365	128	184575	45.124	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	94105	45.828	ug/L		99

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

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