Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
Data File : VW019241.D
Acq On : 21 Jun 2021 10:13
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
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6/22/2021 6:11:08 PM

Quant Time: Jun 21 11:31:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 11:29:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	347825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	606747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	544379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	270158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	47402	10.950	ug/l	0.00
Spiked Amount 50.000			Recovery =	21.900%		
35) Dibromofluoromethane	7.884	113	40763	10.010	ug/l	0.00
Spiked Amount 50.000			Recovery =	20.020%		
50) Toluene-d8	10.329	98	159268	9.564	ug/l	0.00
Spiked Amount 50.000			Recovery =	19.120%		
62) 4-Bromofluorobenzene	12.621	95	55024	9.417	ug/l	0.00
Spiked Amount 50.000			Recovery =	18.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	26383	10.834	ug/l	99
3) Chloromethane	2.215	50	29856	10.937	ug/l	98
4) Vinyl Chloride	2.367	62	47209	11.149	ug/l	100
5) Bromomethane	2.788	94	37857	11.164	ug/l	98
6) Chloroethane	2.928	64	31449	11.220	ug/l	99
7) Trichlorofluoromethane	3.263	101	26078	10.668	ug/l	94
8) Diethyl Ether	3.690	74	21638	11.307	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.074	101	39332	10.698	ug/l	95
10) Methyl Iodide	4.281	142	50821	9.830	ug/l	96
11) Tert butyl alcohol	5.202	59	14616m	69.120	ug/l	
12) 1,1-Dichloroethene	4.044	96	40197	10.525	ug/l	90
13) Acrolein	3.897	56	14203	54.718	ug/l	100
14) Allyl chloride	4.678	41	54117	10.598	ug/l	98
15) Acrylonitrile	5.379	53	45408	63.368	ug/l	99
16) Acetone	4.147	43	38857	57.994	ug/l	99
17) Carbon Disulfide	4.397	76	116309	11.077	ug/l	97
18) Methyl Acetate	4.678	43	20157	11.283	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	57999	12.297	ug/l	97
20) Methylene Chloride	4.928	84	63653	13.121	ug/l	93
21) trans-1,2-Dichloroethene	5.434	96	44260	10.398	ug/l	99
22) Diisopropyl ether	6.318	45	120144	11.952	ug/l	96
23) Vinyl Acetate	6.263	43	366918	56.169	ug/l	98
24) 1,1-Dichloroethane	6.220	63	84177	10.954	ug/l	98
25) 2-Butanone	7.183	43	58985	59.964	ug/l	92
26) 2,2-Dichloropropane	7.171	77	47007	10.784	ug/l	97
27) cis-1,2-Dichloroethene	7.177	96	48700	10.414	ug/l	95
28) Bromochloromethane	7.519	49	34517	11.246	ug/l	90
29) Tetrahydrofuran	7.537	42	36108	64.090	ug/l	97
30) Chloroform	7.683	83	84551	10.935	ug/l	99
31) Cyclohexane	7.958	56	81277	12.199	ug/l #	94
32) 1,1,1-Trichloroethane	7.872	97	63020	10.616	ug/l	96
36) 1,1-Dichloropropene	8.086	75	67783	10.164	ug/l	97
37) Ethyl Acetate	7.256	43	28358	11.805	ug/l	96
38) Carbon Tetrachloride	8.073	117	57037	9.679	ug/l	96
39) Methylcyclohexane	9.341	83	77101	10.266	ug/l	96
40) Benzene	8.329	78	185161	10.189	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	15331	10.935	ug/l		91
42) 1,2-Dichloroethane	8.403	62	57251	10.695	ug/l		99
43) Isopropyl Acetate	8.427	43	51335	11.116	ug/l		97
44) Trichloroethene	9.091	130	45394	9.595	ug/l		97
45) 1,2-Dichloropropane	9.372	63	45615	10.326	ug/l		99
46) Dibromomethane	9.463	93	24544	10.711	ug/l		95
47) Bromodichloromethane	9.646	83	58884	9.967	ug/l		94
48) Methyl methacrylate	9.439	41	21151	9.724	ug/l		98
49) 1,4-Dioxane	9.482	88	6548	234.733	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.213	43	132340	56.273	ug/l		97
52) Toluene	10.390	92	113274	9.809	ug/l		98
53) t-1,3-Dichloropropene	10.610	75	57589	9.826	ug/l		96
54) cis-1,3-Dichloropropene	10.073	75	68465	9.857	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	33859	10.476	ug/l		93
56) Ethyl methacrylate	10.646	69	40683	10.046	ug/l		96
57) 1,3-Dichloropropane	10.933	76	59929	10.369	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	100363	49.088	ug/l		99
59) 2-Hexanone	10.969	43	88910	56.159	ug/l		97
60) Dibromochloromethane	11.128	129	33882	9.430	ug/l		96
61) 1,2-Dibromoethane	11.237	107	31451	10.368	ug/l		97
64) Tetrachloroethene	10.859	164	35671	9.399	ug/l		95
65) Chlorobenzene	11.658	112	117535	9.912	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.731	131	39186	9.736	ug/l		98
67) Ethyl Benzene	11.731	91	216123	9.632	ug/l		99
68) m/p-Xylenes	11.841	106	161378	19.571	ug/l		97
69) o-Xylene	12.164	106	74426	9.532	ug/l		98
70) Styrene	12.182	104	124819	9.609	ug/l		99
71) Bromoform	12.347	173	18256	9.367	ug/l	#	99
73) Isopropylbenzene	12.463	105	198891	9.181	ug/l		99
74) N-amyl acetate	12.274	43	45315	10.472	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.713	83	40744	11.039	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	28856m	11.346	ug/l		
77) Bromobenzene	12.749	156	43774	9.467	ug/l		93
78) n-propylbenzene	12.804	91	254631	9.479	ug/l		99
79) 2-Chlorotoluene	12.896	91	147902	9.744	ug/l		95
80) 1,3,5-Trimethylbenzene	12.944	105	167735	9.206	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	10888	9.706	ug/l		94
82) 4-Chlorotoluene	12.993	91	155522	9.726	ug/l		98
83) tert-Butylbenzene	13.207	119	139684	8.998	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	169790	9.341	ug/l		99
85) sec-Butylbenzene	13.383	105	222404	9.485	ug/l		98
86) p-Isopropyltoluene	13.499	119	174891	8.866	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	92670	9.666	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	94247	9.987	ug/l		98
89) n-Butylbenzene	13.822	91	182251	9.205	ug/l		99
90) Hexachloroethane	14.091	117	32613	10.273	ug/l		89
91) 1,2-Dichlorobenzene	13.871	146	83223	9.990	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6262	10.717	ug/l		91
93) 1,2,4-Trichlorobenzene	15.127	180	52855	9.213	ug/l		98
94) Hexachlorobutadiene	15.231	225	30132	9.293	ug/l		98
95) Naphthalene	15.365	128	98163	9.765	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	45600	9.388	ug/l		99

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

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