Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
Data File : VW019067.D
Acq On : 24 May 2021 14:24
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW052421

Manual Integrations APPROVED
MMDadoda
5/25/2021 5:58:41 PM

Quant Time: May 25 04:07:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Mon May 24 14:01:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.945	168	410993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	663675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	606746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	306423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	245356	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.26%			
35) Dibromofluoromethane	7.884	113	213618	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.60%			
50) Toluene-d8	10.323	98	893050	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.10%			
62) 4-Bromofluorobenzene	12.615	95	321427	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	142726	49.30	ug/l	99
3) Chloromethane	2.215	50	156222	48.83	ug/l	97
4) Vinyl Chloride	2.367	62	240998	48.06	ug/l	98
5) Bromomethane	2.782	94	187994	46.34	ug/l	100
6) Chloroethane	2.928	64	159184	47.78	ug/l	100
7) Trichlorofluoromethane	3.263	101	137235	47.16	ug/l	96
8) Diethyl Ether	3.684	74	113014	49.27	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	209827	47.73	ug/l	98
10) Methyl Iodide	4.281	142	302286	48.43	ug/l	99
11) Tert butyl alcohol	5.184	59	64175	254.68	ug/l	98
12) 1,1-Dichloroethene	4.050	96	218686	47.80	ug/l	93
13) Acrolein	3.897	56	70415	226.17	ug/l	97
14) Allyl chloride	4.672	41	293549	48.02	ug/l	99
15) Acrylonitrile	5.373	53	216833	257.19	ug/l	99
16) Acetone	4.129	43	234529	295.76	ug/l	98
17) Carbon Disulfide	4.391	76	594999	48.08	ug/l	100
18) Methyl Acetate	4.678	43	103053	48.05	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	278428	50.02	ug/l	99
20) Methylene Chloride	4.922	84	270518	57.16	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	245931	48.19	ug/l	99
22) Diisopropyl ether	6.318	45	568264	48.00	ug/l	96
23) Vinyl Acetate	6.257	43	1968004	252.15	ug/l	100
24) 1,1-Dichloroethane	6.220	63	437506	47.69	ug/l	100
25) 2-Butanone	7.171	43	309874	264.75	ug/l	99
26) 2,2-Dichloropropane	7.171	77	252470	48.14	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	269697	48.10	ug/l	99
28) Bromochloromethane	7.519	49	175152	48.23	ug/l	99
29) Tetrahydrofuran	7.537	42	172533	260.21	ug/l	99
30) Chloroform	7.677	83	441424	47.75	ug/l	96
31) Cyclohexane	7.958	56	348121	44.61	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	343501	48.32	ug/l	99
36) 1,1-Dichloropropene	8.086	75	359326	48.51	ug/l	99
37) Ethyl Acetate	7.256	43	139328	52.04	ug/l	99
38) Carbon Tetrachloride	8.073	117	324958	49.41	ug/l	95
39) Methylcyclohexane	9.335	83	398697	48.45	ug/l	98
40) Benzene	8.323	78	977178	48.41	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	80361	51.35	ug/l		93
42) 1,2-Dichloroethane	8.403	62	293641	49.30	ug/l		100
43) Isopropyl Acetate	8.427	43	269202	52.16	ug/l		98
44) Trichloroethene	9.098	130	256662	48.36	ug/l		99
45) 1,2-Dichloropropane	9.372	63	237109	48.38	ug/l		98
46) Dibromomethane	9.457	93	129409	50.76	ug/l		97
47) Bromodichloromethane	9.646	83	327359	49.80	ug/l		96
48) Methyl methacrylate	9.433	41	124374	51.53	ug/l		95
49) 1,4-Dioxane	9.457	88	34001	1110.11	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.213	43	690368	263.30	ug/l		99
52) Toluene	10.390	92	634108	49.30	ug/l		99
53) t-1,3-Dichloropropene	10.610	75	335207	51.25	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	393526	50.73	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	179286	49.67	ug/l		98
56) Ethyl methacrylate	10.646	69	238402	52.72	ug/l		99
57) 1,3-Dichloropropane	10.933	76	322688	50.09	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	583558	255.42	ug/l		99
59) 2-Hexanone	10.969	43	492312	279.23	ug/l		99
60) Dibromochloromethane	11.128	129	204164	50.67	ug/l		97
61) 1,2-Dibromoethane	11.237	107	175282	51.61	ug/l		100
64) Tetrachloroethene	10.866	164	204832	47.07	ug/l		96
65) Chlorobenzene	11.658	112	651695	48.26	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	230920	50.03	ug/l		99
67) Ethyl Benzene	11.731	91	1241750	48.53	ug/l		99
68) m/p-Xylenes	11.841	106	941207	100.23	ug/l		100
69) o-Xylene	12.164	106	440403	49.66	ug/l		99
70) Styrene	12.182	104	751291	50.69	ug/l		99
71) Bromoform	12.347	173	116548	52.46	ug/l	#	100
73) Isopropylbenzene	12.463	105	1225934	49.02	ug/l		100
74) N-amyl acetate	12.274	43	261681	52.09	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	215339	50.47	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	142302m	48.70	ug/l		
77) Bromobenzene	12.749	156	264148	49.43	ug/l		97
78) n-propylbenzene	12.804	91	1476964	47.67	ug/l		99
79) 2-Chlorotoluene	12.890	91	844395	48.34	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	1039229	49.29	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	68169	52.69	ug/l		99
82) 4-Chlorotoluene	12.987	91	888985	48.29	ug/l		99
83) tert-Butylbenzene	13.207	119	881425	49.05	ug/l		100
84) 1,2,4-Trimethylbenzene	13.249	105	1033840	49.12	ug/l		99
85) sec-Butylbenzene	13.383	105	1320170	48.95	ug/l		99
86) p-Isopropyltoluene	13.499	119	1147160	49.93	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	541026	48.90	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	522583	47.96	ug/l		100
89) n-Butylbenzene	13.822	91	1129664	49.15	ug/l		99
90) Hexachloroethane	14.091	117	180138	49.61	ug/l		91
91) 1,2-Dichlorobenzene	13.871	146	461248	47.88	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	35600	52.52	ug/l		97
93) 1,2,4-Trichlorobenzene	15.127	180	334519	50.28	ug/l		96
94) Hexachlorobutadiene	15.237	225	185335	49.30	ug/l		95
95) Naphthalene	15.365	128	599674	51.39	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	271471	48.16	ug/l		98

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

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