Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
Data File : VW019050.D
Acq On : 20 May 2021 19:17
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
5/21/2021 1:49:05 PM

Quant Time: May 21 05:03:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Thu May 20 03:59:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.946	168	373120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	629018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	586017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	308688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	223405	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.38%			
35) Dibromofluoromethane	7.885	113	205698	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
50) Toluene-d8	10.323	98	802702	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
62) 4-Bromofluorobenzene	12.615	95	296762	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	136977	54.53	ug/l	97
3) Chloromethane	2.215	50	147395	52.88	ug/l	99
4) Vinyl Chloride	2.367	62	227791	55.62	ug/l	98
5) Bromomethane	2.782	94	180056	52.47	ug/l	97
6) Chloroethane	2.928	64	150827	53.62	ug/l	99
7) Trichlorofluoromethane	3.263	101	107820	47.87	ug/l	100
8) Diethyl Ether	3.684	74	110136	56.22	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	195517	53.66	ug/l	98
10) Methyl Iodide	4.282	142	287725	53.81	ug/l	99
11) Tert butyl alcohol	5.178	59	60217	296.20	ug/l	100
12) 1,1-Dichloroethene	4.050	96	205309	55.25	ug/l	93
13) Acrolein	3.897	56	51256	203.94	ug/l	99
14) Allyl chloride	4.672	41	255923	52.93	ug/l	99
15) Acrylonitrile	5.367	53	208416	283.64	ug/l	98
16) Acetone	4.123	43	160810	268.76	ug/l	98
17) Carbon Disulfide	4.391	76	557706	54.93	ug/l	99
18) Methyl Acetate	4.672	43	99529	56.52	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	260711	55.88	ug/l	98
20) Methylene Chloride	4.928	84	255971	59.85	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	233570	55.02	ug/l	98
22) Diisopropyl ether	6.312	45	547652	55.68	ug/l	99
23) Vinyl Acetate	6.257	43	1895037	286.35	ug/l	100
24) 1,1-Dichloroethane	6.220	63	417355	54.80	ug/l	100
25) 2-Butanone	7.171	43	280734	285.64	ug/l	99
26) 2,2-Dichloropropane	7.171	77	214812	52.34	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	263624	55.95	ug/l	98
28) Bromochloromethane	7.513	49	168716	54.45	ug/l	99
29) Tetrahydrofuran	7.531	42	165643	288.18	ug/l	99
30) Chloroform	7.677	83	430429	55.59	ug/l	99
31) Cyclohexane	7.958	56	322233	50.59	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	315372	54.85	ug/l	98
36) 1,1-Dichloropropene	8.086	75	338480	54.04	ug/l	99
37) Ethyl Acetate	7.251	43	130613	53.90	ug/l	100
38) Carbon Tetrachloride	8.067	117	298447	54.07	ug/l	98
39) Methylcyclohexane	9.335	83	372237	53.71	ug/l	99
40) Benzene	8.323	78	950986	54.31	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	79943	60.41	ug/l		88
42) 1,2-Dichloroethane	8.403	62	286251	55.15	ug/l		100
43) Isopropyl Acetate	8.421	43	260660	57.68	ug/l		99
44) Trichloroethene	9.092	130	246440	54.59	ug/l		95
45) 1,2-Dichloropropane	9.366	63	232367	54.86	ug/l		99
46) Dibromomethane	9.457	93	126146	54.85	ug/l		99
47) Bromodichloromethane	9.646	83	316580	55.38	ug/l		96
48) Methyl methacrylate	9.439	41	119379	57.52	ug/l		98
49) 1,4-Dioxane	9.457	88	32141	1226.13	ug/l		99
51) 4-Methyl-2-Pentanone	10.207	43	657617	280.84	ug/l		99
52) Toluene	10.390	92	606232	54.61	ug/l		100
53) t-1,3-Dichloropropene	10.604	75	323290	57.50	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	374619	55.94	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	175133	55.10	ug/l		98
56) Ethyl methacrylate	10.646	69	232895	58.35	ug/l		99
57) 1,3-Dichloropropane	10.933	76	318197	55.97	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.921	63	561030	271.74	ug/l		99
59) 2-Hexanone	10.969	43	451634	290.19	ug/l		99
60) Dibromochloromethane	11.128	129	204611	57.53	ug/l		99
61) 1,2-Dibromoethane	11.238	107	168907	55.25	ug/l		96
64) Tetrachloroethene	10.860	164	197167	51.79	ug/l		91
65) Chlorobenzene	11.658	112	634956	53.26	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.731	131	223851	55.02	ug/l		99
67) Ethyl Benzene	11.731	91	1170212	53.07	ug/l		96
68) m/p-Xylenes	11.841	106	887427	107.11	ug/l		97
69) o-Xylene	12.164	106	430057	55.67	ug/l		98
70) Styrene	12.183	104	735965	56.13	ug/l		99
71) Bromoform	12.347	173	112489	55.08	ug/l	#	99
73) Isopropylbenzene	12.463	105	1149947	50.82	ug/l		99
74) N-amyl acetate	12.274	43	254060	54.44	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	210688	52.05	ug/l		100
76) 1,2,3-Trichloropropane	12.768	75	137826m	47.29	ug/l		
77) Bromobenzene	12.743	156	255864	51.30	ug/l		96
78) n-propylbenzene	12.804	91	1431370	51.74	ug/l		100
79) 2-Chlorotoluene	12.890	91	798871	50.68	ug/l		100
80) 1,3,5-Trimethylbenzene	12.945	105	991909	51.65	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	63477	53.08	ug/l		99
82) 4-Chlorotoluene	12.987	91	864591	51.68	ug/l		99
83) tert-Butylbenzene	13.207	119	835391	51.60	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	1005025	52.72	ug/l		99
85) sec-Butylbenzene	13.384	105	1234527	51.43	ug/l		100
86) p-Isopropyltoluene	13.499	119	1070807	51.49	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	534839	52.50	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	518122	51.60	ug/l		99
89) n-Butylbenzene	13.823	91	1059046	51.79	ug/l		99
90) Hexachloroethane	14.091	117	171586	52.63	ug/l		99
91) 1,2-Dichlorobenzene	13.871	146	474582	52.67	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	34434	53.27	ug/l		97
93) 1,2,4-Trichlorobenzene	15.133	180	315768	52.33	ug/l		99
94) Hexachlorobutadiene	15.231	225	174409	50.05	ug/l		94
95) Naphthalene	15.365	128	612964	55.77	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	280078	53.61	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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