Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019028.D
Acq On : 18 May 2021 20:18
Operator : SY/VA
Sample : VW0519SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0519SBSD01

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:00 PM

Quant Time: May 19 09:28:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 09:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	394326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	678809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	624145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	304560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	244848	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.08%			
35) Dibromofluoromethane	7.884	113	220591	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.18%			
50) Toluene-d8	10.323	98	872416	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.92%			
62) 4-Bromofluorobenzene	12.615	95	315280	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	51798	19.51	ug/l	96
3) Chloromethane	2.215	50	58434	19.84	ug/l	98
4) Vinyl Chloride	2.367	62	86039	19.88	ug/l	99
5) Bromomethane	2.776	94	74065	20.42	ug/l	99
6) Chloroethane	2.922	64	58841	19.79	ug/l	96
7) Trichlorofluoromethane	3.257	101	40976	17.21	ug/l	100
8) Diethyl Ether	3.684	74	45371	21.91	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	76422	19.85	ug/l	98
10) Methyl Iodide	4.281	142	116272	20.58	ug/l	99
11) Tert butyl alcohol	5.171	59	29185	134.80	ug/l	94
12) 1,1-Dichloroethene	4.050	96	77595	19.76	ug/l	94
13) Acrolein	3.891	56	29238	110.08	ug/l	98
14) Allyl chloride	4.665	41	103485	20.25	ug/l	99
15) Acrylonitrile	5.367	53	84770	109.16	ug/l	99
16) Acetone	4.123	43	69246	109.51	ug/l	97
17) Carbon Disulfide	4.385	76	210501	19.62	ug/l	100
18) Methyl Acetate	4.665	43	43157	23.19	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	109746	22.26	ug/l	94
20) Methylene Chloride	4.921	84	115153	22.06	ug/l	96
21) trans-1,2-Dichloroethene	5.421	96	94535	21.07	ug/l	97
22) Diisopropyl ether	6.305	45	220793	21.24	ug/l	93
23) Vinyl Acetate	6.257	43	744363	106.43	ug/l	100
24) 1,1-Dichloroethane	6.214	63	168807	20.97	ug/l	98
25) 2-Butanone	7.171	43	117334	112.96	ug/l	99
26) 2,2-Dichloropropane	7.165	77	83968	19.36	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	106573	21.40	ug/l	99
28) Bromochloromethane	7.512	49	70619	21.56	ug/l	96
29) Tetrahydrofuran	7.531	42	66930	110.18	ug/l	99
30) Chloroform	7.677	83	173152	21.16	ug/l	95
31) Cyclohexane	7.957	56	131846	19.59	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	123885	20.39	ug/l	100
36) 1,1-Dichloropropene	8.079	75	134625	19.92	ug/l	98
37) Ethyl Acetate	7.250	43	53775	20.56	ug/l	99
38) Carbon Tetrachloride	8.067	117	115913	19.46	ug/l	95
39) Methylcyclohexane	9.335	83	143662	19.21	ug/l	98
40) Benzene	8.323	78	383452	20.29	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	28628	20.05	ug/l		98
42) 1,2-Dichloroethane	8.403	62	118971	21.24	ug/l		100
43) Isopropyl Acetate	8.421	43	104281	21.38	ug/l		100
44) Trichloroethene	9.098	130	96821	19.87	ug/l		97
45) 1,2-Dichloropropane	9.372	63	94430	20.66	ug/l		98
46) Dibromomethane	9.463	93	51913	20.92	ug/l		98
47) Bromodichloromethane	9.646	83	128040	20.76	ug/l		96
48) Methyl methacrylate	9.439	41	47427	21.18	ug/l		98
49) 1,4-Dioxane	9.457	88	12786	451.99	ug/l		95
51) 4-Methyl-2-Pentanone	10.207	43	272329	107.77	ug/l		100
52) Toluene	10.390	92	241890	20.19	ug/l		97
53) t-1,3-Dichloropropene	10.609	75	122399	20.17	ug/l		100
54) cis-1,3-Dichloropropene	10.073	75	145855	20.18	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	73166	21.33	ug/l		95
56) Ethyl methacrylate	10.646	69	91286	21.19	ug/l		100
57) 1,3-Dichloropropane	10.933	76	128660	20.97	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	236706	106.24	ug/l		99
59) 2-Hexanone	10.969	43	181096	107.83	ug/l		99
60) Dibromochloromethane	11.128	129	76605	19.96	ug/l		96
61) 1,2-Dibromoethane	11.231	107	69204	20.98	ug/l		99
64) Tetrachloroethene	10.866	164	80660	19.89	ug/l		86
65) Chlorobenzene	11.658	112	254700	20.06	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.731	131	88975	20.53	ug/l		97
67) Ethyl Benzene	11.731	91	468392	19.94	ug/l		97
68) m/p-Xylenes	11.841	106	354792	40.21	ug/l		99
69) o-Xylene	12.164	106	168598	20.49	ug/l		98
70) Styrene	12.182	104	288425	20.65	ug/l		98
71) Bromoform	12.353	173	43800	20.14	ug/l	#	100
73) Isopropylbenzene	12.463	105	452330	20.26	ug/l		99
74) N-amyl acetate	12.274	43	96721	21.00	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	85184	21.33	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	56603m	19.68	ug/l		
77) Bromobenzene	12.743	156	103733	21.08	ug/l		99
78) n-propylbenzene	12.804	91	554452	20.31	ug/l		100
79) 2-Chlorotoluene	12.890	91	317504	20.42	ug/l		100
80) 1,3,5-Trimethylbenzene	12.944	105	385063	20.32	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	22554	19.12	ug/l		96
82) 4-Chlorotoluene	12.987	91	334971	20.29	ug/l		98
83) tert-Butylbenzene	13.207	119	322681	20.20	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	388539	20.66	ug/l		100
85) sec-Butylbenzene	13.383	105	479209	20.23	ug/l		100
86) p-Isopropyltoluene	13.499	119	412325	20.10	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	207505	20.65	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	204665	20.66	ug/l		99
89) n-Butylbenzene	13.822	91	402958	19.97	ug/l		99
90) Hexachloroethane	14.091	117	62748	19.51	ug/l		99
91) 1,2-Dichlorobenzene	13.865	146	188772	21.24	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	13337	20.91	ug/l		99
93) 1,2,4-Trichlorobenzene	15.127	180	123090	20.68	ug/l		99
94) Hexachlorobutadiene	15.231	225	66428	19.32	ug/l		93
95) Naphthalene	15.365	128	232845	21.47	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	108704	21.09	ug/l		100

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

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