Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
Data File : VW019048.D
Acq On : 20 May 2021 18:29
Operator : SY/VA
Sample : M2262-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED
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5/21/2021 1:49:00 PM

Quant Time: May 21 05:22:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Fri May 21 05:20:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.945	168	360862	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.841	114	609421	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	546456	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	266819	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	214589	58.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.60%				
35) Dibromofluoromethane	7.884	113	190173	56.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.10%				
50) Toluene-d8	10.323	98	762076	57.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.12%				
62) 4-Bromofluorobenzene	12.615	95	265122	55.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	8957	3.69	ug/l		95
3) Chloromethane	2.215	50	11616	4.31	ug/l		100
4) Vinyl Chloride	2.361	62	15982	4.03	ug/l		94
5) Bromomethane	2.776	94	13994	4.22	ug/l		96
6) Chloroethane	2.928	64	10974	4.03	ug/l		92
7) Trichlorofluoromethane	3.263	101	7494	3.44	ug/l		94
8) Diethyl Ether	3.690	74	8152	4.30	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.074	101	15700	4.46	ug/l		99
10) Methyl Iodide	4.281	142	19913	3.85	ug/l		94
11) Tert butyl alcohol	5.171	59	7300	34.06	ug/l	#	90
12) 1,1-Dichloroethene	4.050	96	14596	4.06	ug/l		94
13) Acrolein	3.897	56	4997	20.56	ug/l		99
14) Allyl chloride	4.672	41	18141	3.88	ug/l		98
15) Acrylonitrile	5.379	53	14504	20.41	ug/l		97
16) Acetone	4.135	43	16110	27.84	ug/l		99
17) Carbon Disulfide	4.391	76	37598	3.83	ug/l		98
18) Methyl Acetate	4.678	43	8200	4.81	ug/l		96
19) Methyl tert-butyl Ether	5.434	73	19292	4.28	ug/l		100
20) Methylene Chloride	4.921	84	59527	11.47	ug/l		99
21) trans-1,2-Dichloroethene	5.427	96	16612	4.05	ug/l		95
22) Diisopropyl ether	6.311	45	38347	4.03	ug/l		93
23) Vinyl Acetate	6.257	43	116171	18.15	ug/l		98
24) 1,1-Dichloroethane	6.220	63	31059	4.22	ug/l		99
25) 2-Butanone	7.177	43	21147	22.25	ug/l		99
26) 2,2-Dichloropropane	7.171	77	18197	4.58	ug/l		92
27) cis-1,2-Dichloroethene	7.171	96	18793	4.12	ug/l		96
28) Bromochloromethane	7.512	49	13706	4.57	ug/l		99
29) Tetrahydrofuran	7.537	42	11076	19.92	ug/l		98
30) Chloroform	7.677	83	32253	4.31	ug/l		93
31) Cyclohexane	7.951	56	32496	5.28	ug/l	#	79
32) 1,1,1-Trichloroethane	7.872	97	22981	4.13	ug/l		95
36) 1,1-Dichloropropene	8.086	75	25438	4.19	ug/l		98
37) Ethyl Acetate	7.250	43	10594	4.51	ug/l	#	66
38) Carbon Tetrachloride	8.067	117	21395	4.00	ug/l		99
39) Methylcyclohexane	9.335	83	28913	4.31	ug/l		98
40) Benzene	8.323	78	70088	4.13	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	4888	3.81	ug/l		96
42) 1,2-Dichloroethane	8.403	62	21580	4.29	ug/l		97
43) Isopropyl Acetate	8.427	43	17351	3.96	ug/l		97
44) Trichloroethene	9.091	130	18420	4.21	ug/l		96
45) 1,2-Dichloropropane	9.366	63	16651	4.06	ug/l	#	88
46) Dibromomethane	9.457	93	9050	4.06	ug/l		99
47) Bromodichloromethane	9.646	83	21914	3.96	ug/l		96
48) Methyl methacrylate	9.433	41	7434	3.70	ug/l		92
49) 1,4-Dioxane	9.469	88	2179	85.80	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.213	43	46727	20.60	ug/l		98
52) Toluene	10.384	92	43830	4.08	ug/l		96
53) t-1,3-Dichloropropene	10.609	75	19841	3.64	ug/l		100
54) cis-1,3-Dichloropropene	10.073	75	24657	3.80	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	13059	4.24	ug/l		97
56) Ethyl methacrylate	10.646	69	13860	3.58	ug/l		95
57) 1,3-Dichloropropane	10.933	76	22743	4.13	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	42081	21.04	ug/l		99
59) 2-Hexanone	10.969	43	28882	19.15	ug/l		97
60) Dibromochloromethane	11.128	129	12937	3.75	ug/l		99
61) 1,2-Dibromoethane	11.237	107	11760	3.97	ug/l		99
64) Tetrachloroethene	10.866	164	15135	4.26	ug/l		92
65) Chlorobenzene	11.658	112	48022	4.32	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.731	131	14595	3.85	ug/l		97
67) Ethyl Benzene	11.731	91	83695	4.07	ug/l		99
68) m/p-Xylenes	11.841	106	62161	8.05	ug/l		100
69) o-Xylene	12.164	106	28537	3.96	ug/l		99
70) Styrene	12.182	104	46222	3.78	ug/l		99
71) Bromoform	12.347	173	6466	3.40	ug/l	#	95
73) Isopropylbenzene	12.463	105	78828	4.03	ug/l		98
74) N-amyl acetate	12.274	43	15038	3.73	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	14816	4.23	ug/l		97
76) 1,2,3-Trichloropropane	12.768	75	9703m	3.85	ug/l		
77) Bromobenzene	12.749	156	19030	4.41	ug/l		99
78) n-propylbenzene	12.804	91	102632	4.29	ug/l		99
79) 2-Chlorotoluene	12.890	91	58321	4.28	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	69202	4.17	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	3527m	3.41	ug/l		
82) 4-Chlorotoluene	12.987	91	59842	4.14	ug/l		98
83) tert-Butylbenzene	13.207	119	58778	4.20	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	68269	4.14	ug/l		99
85) sec-Butylbenzene	13.383	105	90116	4.34	ug/l		99
86) p-Isopropyltoluene	13.499	119	75268	4.19	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	38135	4.33	ug/l		97
88) 1,4-Dichlorobenzene	13.578	146	36917	4.25	ug/l		90
89) n-Butylbenzene	13.822	91	76092	4.30	ug/l		99
90) Hexachloroethane	14.091	117	11486	4.08	ug/l		95
91) 1,2-Dichlorobenzene	13.871	146	32950	4.23	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2354	4.21	ug/l		88
93) 1,2,4-Trichlorobenzene	15.133	180	23511	4.51	ug/l		99
94) Hexachlorobutadiene	15.237	225	12607	4.19	ug/l		94
95) Naphthalene	15.365	128	39776	4.19	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	20931	4.64	ug/l		99

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

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