Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
Data File : VW019999.D
Acq On : 08 Sep 2021 13:47
Operator : SY/VA
Sample : M2940-01 4PPBLOD
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:13 AM

Quant Time: Sep 09 04:28:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 04:27:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	183686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	301839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	278283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	141834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	105687	49.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.120%		
35) Dibromofluoromethane	7.890	113	98071	49.476	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.960%		
50) Toluene-d8	10.329	98	360593	48.938	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.880%		
62) 4-Bromofluorobenzene	12.615	95	132051	48.435	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	4336	3.887	ug/l	94
3) Chloromethane	2.221	50	7941	4.782	ug/l	90
4) Vinyl Chloride	2.367	62	11114	4.128	ug/l	98
5) Bromomethane	2.782	94	9335	4.277	ug/l	90
6) Chloroethane	2.928	64	7490	4.038	ug/l	96
7) Trichlorofluoromethane	3.263	101	6140	3.986	ug/l	88
8) Diethyl Ether	3.690	74	3853	4.085	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	8424	4.188	ug/l	98
10) Methyl Iodide	4.281	142	10814	3.926	ug/l	100
11) Tert butyl alcohol	5.165	59	3876m	37.975	ug/l	
12) 1,1-Dichloroethene	4.044	96	7895	4.166	ug/l	89
13) Acrolein	3.903	56	1709	21.974	ug/l	91
14) Allyl chloride	4.678	41	9580	3.716	ug/l	95
15) Acrylonitrile	5.379	53	8379	21.316	ug/l	99
16) Acetone	4.123	43	10690	31.212	ug/l	92
17) Carbon Disulfide	4.391	76	22761	3.946	ug/l	100
18) Methyl Acetate	4.678	43	4400	4.525	ug/l	98
19) Methyl tert-butyl Ether	5.434	73	10181	4.071	ug/l	99
20) Methylene Chloride	4.928	84	29697	11.531	ug/l	96
21) trans-1,2-Dichloroethene	5.440	96	8637	4.012	ug/l	90
22) Diisopropyl ether	6.318	45	19549	3.579	ug/l #	89
23) Vinyl Acetate	6.263	43	52269	17.541	ug/l	97
24) 1,1-Dichloroethane	6.226	63	15441	3.992	ug/l	98
25) 2-Butanone	7.177	43	12148	24.740	ug/l	95
26) 2,2-Dichloropropane	7.165	77	11909	5.092	ug/l	89
27) cis-1,2-Dichloroethene	7.171	96	8981	3.907	ug/l	92
28) Bromochloromethane	7.519	49	6903	4.496	ug/l	97
29) Tetrahydrofuran	7.537	42	6303	20.632	ug/l	98
30) Chloroform	7.683	83	16645	4.084	ug/l	90
31) Cyclohexane	7.958	56	16547	4.760	ug/l #	80
32) 1,1,1-Trichloroethane	7.884	97	13576	4.116	ug/l	99
36) 1,1-Dichloropropene	8.086	75	12196	3.841	ug/l	98
37) Ethyl Acetate	7.269	43	6373	5.459	ug/l #	94
38) Carbon Tetrachloride	8.073	117	12384	3.825	ug/l	98
39) Methylcyclohexane	9.341	83	13393	3.640	ug/l	96
40) Benzene	8.329	78	34746	3.972	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	2635	4.078	ug/l		97
42) 1,2-Dichloroethane	8.403	62	11184	4.164	ug/l		98
43) Isopropyl Acetate	8.433	43	9030	4.076	ug/l		100
44) Trichloroethene	9.098	130	9566	4.168	ug/l		97
45) 1,2-Dichloropropane	9.372	63	8491	3.992	ug/l		91
46) Dibromomethane	9.463	93	4741	3.952	ug/l		96
47) Bromodichloromethane	9.646	83	11567	3.870	ug/l		98
48) Methyl methacrylate	9.439	41	3979	4.105	ug/l		96
49) 1,4-Dioxane	9.457	88	1191	77.721	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.213	43	24615	21.426	ug/l		96
52) Toluene	10.390	92	22178	4.005	ug/l		99
53) t-1,3-Dichloropropene	10.609	75	10753	3.750	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	11959	3.582	ug/l		99
55) 1,1,2-Trichloroethane	10.792	97	6965	4.284	ug/l		97
56) Ethyl methacrylate	10.646	69	6515	3.582	ug/l		99
57) 1,3-Dichloropropane	10.933	76	11070	3.968	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	14023	16.890	ug/l		100
59) 2-Hexanone	10.969	43	14946	19.467	ug/l		97
60) Dibromochloromethane	11.134	129	7126	3.786	ug/l		98
61) 1,2-Dibromoethane	11.237	107	6032	3.962	ug/l		95
64) Tetrachloroethene	10.866	164	8138	4.215	ug/l		96
65) Chlorobenzene	11.658	112	24055	4.022	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.731	131	8130	3.814	ug/l		100
67) Ethyl Benzene	11.731	91	39122	3.707	ug/l		97
68) m/p-Xylenes	11.841	106	29506	7.085	ug/l		95
69) o-Xylene	12.170	106	13221	3.465	ug/l		95
70) Styrene	12.182	104	21368	3.304	ug/l		99
71) Bromoform	12.347	173	4035	3.845	ug/l	#	92
73) Isopropylbenzene	12.463	105	34456	3.433	ug/l		100
74) N-amyl acetate	12.274	43	7472	3.628	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.719	83	8085	4.387	ug/l		97
76) 1,2,3-Trichloropropane	12.768	75	5501m	4.175	ug/l		
77) Bromobenzene	12.743	156	9278	3.985	ug/l		98
78) n-propylbenzene	12.804	91	46412	3.672	ug/l		98
79) 2-Chlorotoluene	12.896	91	27630	3.756	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	30570	3.456	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	1935m	3.555	ug/l		
82) 4-Chlorotoluene	12.987	91	28895	3.737	ug/l		99
83) tert-Butylbenzene	13.207	119	25446	3.434	ug/l		99
84) 1,2,4-Trimethylbenzene	13.255	105	29458	3.400	ug/l		98
85) sec-Butylbenzene	13.383	105	38831	3.452	ug/l		99
86) p-Isopropyltoluene	13.499	119	31613	3.337	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	19261	3.902	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	19181	3.915	ug/l		91
89) n-Butylbenzene	13.822	91	32012	3.528	ug/l		97
90) Hexachloroethane	14.091	117	6704	3.703	ug/l		98
91) 1,2-Dichlorobenzene	13.871	146	16989	3.963	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1282	4.240	ug/l		97
93) 1,2,4-Trichlorobenzene	15.127	180	10233	3.915	ug/l		99
94) Hexachlorobutadiene	15.237	225	6315	4.068	ug/l		95
95) Naphthalene	15.365	128	16591	3.669	ug/l		98
96) 1,2,3-Trichlorobenzene	15.554	180	9288	4.054	ug/l		97

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

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