Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
Data File : VW020005.D
Acq On : 09 Sep 2021 16:50
Operator : SY/VA
Sample : VW0909SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Manual Integrations APPROVED
MMDadoda
9/10/2021 6:38:33 PM

Quant Time: Sep 10 03:46:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 08 12:18:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	190752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	316445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	292251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	146389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	108357	48.932	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.860%			
35) Dibromofluoromethane	7.890	113	100133	48.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.360%			
50) Toluene-d8	10.323	98	379819	49.168	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.621	95	136583	47.785	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	23060	19.906	ug/l	99
3) Chloromethane	2.221	50	32094	18.612	ug/l	99
4) Vinyl Chloride	2.367	62	55329	19.789	ug/l	98
5) Bromomethane	2.782	94	46279	20.416	ug/l	93
6) Chloroethane	2.928	64	37936	19.696	ug/l	97
7) Trichlorofluoromethane	3.263	101	29047	18.157	ug/l	90
8) Diethyl Ether	3.684	74	19858	20.272	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	41639	19.935	ug/l	99
10) Methyl Iodide	4.275	142	55958	19.562	ug/l	98
11) Tert butyl alcohol	5.153	59	17556	165.634	ug/l #	94
12) 1,1-Dichloroethene	4.050	96	39186	19.910	ug/l	89
13) Acrolein	3.903	56	8383	103.796	ug/l	98
14) Allyl chloride	4.672	41	52450	19.594	ug/l	99
15) Acrylonitrile	5.373	53	44017	107.832	ug/l	100
16) Acetone	4.123	43	36528	102.701	ug/l	99
17) Carbon Disulfide	4.391	76	115501	19.284	ug/l	99
18) Methyl Acetate	4.672	43	23829	23.599	ug/l	97
19) Methyl tert-butyl Ether	5.427	73	54420	20.957	ug/l	97
20) Methylene Chloride	4.928	84	50777	20.064	ug/l	92
21) trans-1,2-Dichloroethene	5.427	96	45341	20.282	ug/l	95
22) Diisopropyl ether	6.318	45	115636	20.386	ug/l	98
23) Vinyl Acetate	6.257	43	306220	99.394	ug/l	99
24) 1,1-Dichloroethane	6.220	63	80685	20.087	ug/l	98
25) 2-Butanone	7.171	43	55990	109.801	ug/l	97
26) 2,2-Dichloropropane	7.165	77	46111	18.985	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	49008	20.528	ug/l	99
28) Bromochloromethane	7.512	49	30649	19.225	ug/l	96
29) Tetrahydrofuran	7.537	42	35309	111.299	ug/l	100
30) Chloroform	7.683	83	86280	20.385	ug/l	99
31) Cyclohexane	7.957	56	70004	19.392	ug/l	93
32) 1,1,1-Trichloroethane	7.878	97	66890	19.531	ug/l	99
36) 1,1-Dichloropropene	8.086	75	64657	19.423	ug/l	100
37) Ethyl Acetate	7.256	43	25462	20.804	ug/l	99
38) Carbon Tetrachloride	8.073	117	63365	18.667	ug/l	98
39) Methylcyclohexane	9.335	83	72410	18.769	ug/l	97
40) Benzene	8.329	78	179256	19.548	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	13654	20.154	ug/l		95
42) 1,2-Dichloroethane	8.403	62	55464	19.699	ug/l		100
43) Isopropyl Acetate	8.427	43	46742	20.123	ug/l		100
44) Trichloroethene	9.091	130	49218	20.456	ug/l		99
45) 1,2-Dichloropropane	9.372	63	44885	20.131	ug/l		95
46) Dibromomethane	9.463	93	25455	20.237	ug/l		100
47) Bromodichloromethane	9.646	83	60396	19.272	ug/l		99
48) Methyl methacrylate	9.439	41	19858	20.501	ug/l		96
49) 1,4-Dioxane	9.451	88	7389	446.308	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.213	43	128476	106.671	ug/l		100
52) Toluene	10.390	92	115123	19.831	ug/l		99
53) t-1,3-Dichloropropene	10.609	75	56966	18.949	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	67986	19.425	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	34624	20.311	ug/l		96
56) Ethyl methacrylate	10.646	69	37958	19.824	ug/l		99
57) 1,3-Dichloropropane	10.933	76	58523	20.011	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	94386	108.433	ug/l		98
59) 2-Hexanone	10.969	43	85185	105.833	ug/l		100
60) Dibromochloromethane	11.128	129	38199	19.357	ug/l		99
61) 1,2-Dibromoethane	11.237	107	31611	19.804	ug/l		99
64) Tetrachloroethene	10.866	164	39469	19.463	ug/l		89
65) Chlorobenzene	11.658	112	124637	19.842	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	43179	19.288	ug/l		97
67) Ethyl Benzene	11.731	91	218635	19.729	ug/l		99
68) m/p-Xylenes	11.841	106	172813	39.514	ug/l		96
69) o-Xylene	12.170	106	77538	18.624	ug/l		100
70) Styrene	12.182	104	133052	18.823	ug/l		98
71) Bromoform	12.353	173	21396	19.412	ug/l	#	99
73) Isopropylbenzene	12.463	105	207261	19.365	ug/l		100
74) N-amyl acetate	12.274	43	42998	20.159	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	40757	21.428	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	27466m	20.199	ug/l		
77) Bromobenzene	12.743	156	48281	20.094	ug/l		98
78) n-propylbenzene	12.804	91	264578	19.399	ug/l		99
79) 2-Chlorotoluene	12.890	91	150561	19.832	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	188094	19.635	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	11043	19.587	ug/l		99
82) 4-Chlorotoluene	12.987	91	159795	20.021	ug/l		99
83) tert-Butylbenzene	13.207	119	152338	19.329	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	188012	20.021	ug/l		100
85) sec-Butylbenzene	13.383	105	235918	19.311	ug/l		97
86) p-Isopropyltoluene	13.499	119	197703	19.260	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	101348	19.894	ug/l		100
88) 1,4-Dichlorobenzene	13.578	146	97884	19.359	ug/l		97
89) n-Butylbenzene	13.822	91	184334	18.807	ug/l		99
90) Hexachloroethane	14.091	117	34689	18.567	ug/l		96
91) 1,2-Dichlorobenzene	13.871	146	91139	20.597	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6531	20.926	ug/l		98
93) 1,2,4-Trichlorobenzene	15.133	180	52754	19.553	ug/l		99
94) Hexachlorobutadiene	15.231	225	28765	17.951	ug/l		89
95) Naphthalene	15.365	128	92918	19.238	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	46625	19.716	ug/l		97

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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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