Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
Data File : VW019571.D
Acq On : 23 Jul 2021 14:20
Operator : SY/VA
Sample : VW0723SBSD01
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBSD01

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:19:45 PM

Quant Time: Jul 24 05:18:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	279394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	448133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	404344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	204811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	130809	48.222	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.440%			
35) Dibromofluoromethane	7.884	113	124180	45.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.720%			
50) Toluene-d8	10.323	98	474807	44.791	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.580%			
62) 4-Bromofluorobenzene	12.615	95	180398	45.368	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	32745	16.438	ug/l	98
3) Chloromethane	2.215	50	45193	18.718	ug/l	99
4) Vinyl Chloride	2.367	62	64293	19.536	ug/l	98
5) Bromomethane	2.782	94	37565	19.779	ug/l	96
6) Chloroethane	2.928	64	36586	19.609	ug/l	99
7) Trichlorofluoromethane	3.263	101	46055	21.955	ug/l	93
8) Diethyl Ether	3.684	74	31049	18.932	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	60044	20.348	ug/l	99
10) Methyl Iodide	4.275	142	77192	20.090	ug/l	98
11) Tert butyl alcohol	5.202	59	16208	70.637	ug/l	99
12) 1,1-Dichloroethene	4.050	96	59711	19.444	ug/l	98
13) Acrolein	3.903	56	16641	89.594	ug/l	95
14) Allyl chloride	4.672	41	91314	20.703	ug/l	99
15) Acrylonitrile	5.379	53	65498	93.577	ug/l	100
16) Acetone	4.135	43	48693	95.827	ug/l	98
17) Carbon Disulfide	4.391	76	166940	19.004	ug/l	98
18) Methyl Acetate	4.678	43	30398	18.014	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	85730	19.850	ug/l	99
20) Methylene Chloride	4.922	84	106828	30.202	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	67979	20.334	ug/l	99
22) Diisopropyl ether	6.318	45	191199	20.258	ug/l	97
23) Vinyl Acetate	6.257	43	530550	93.633	ug/l	99
24) 1,1-Dichloroethane	6.220	63	124590	19.766	ug/l	99
25) 2-Butanone	7.177	43	79065	90.454	ug/l	98
26) 2,2-Dichloropropane	7.171	77	68156	20.310	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	72856	19.536	ug/l	99
28) Bromochloromethane	7.513	49	51606	20.504	ug/l	99
29) Tetrahydrofuran	7.537	42	51651	88.950	ug/l	99
30) Chloroform	7.677	83	121846	19.781	ug/l	98
31) Cyclohexane	7.958	56	115562	19.684	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	95421	20.859	ug/l	99
36) 1,1-Dichloropropene	8.086	75	98574	20.633	ug/l	98
37) Ethyl Acetate	7.256	43	37388	18.673	ug/l	99
38) Carbon Tetrachloride	8.073	117	88896	21.300	ug/l	99
39) Methylcyclohexane	9.335	83	119916	21.118	ug/l	98
40) Benzene	8.329	78	277463	20.751	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	20807	18.304	ug/l		91
42) 1,2-Dichloroethane	8.403	62	78910	20.456	ug/l		100
43) Isopropyl Acetate	8.427	43	69374	18.535	ug/l		99
44) Trichloroethene	9.092	130	70213	20.838	ug/l		98
45) 1,2-Dichloropropane	9.372	63	69218	20.498	ug/l		97
46) Dibromomethane	9.463	93	33460	19.534	ug/l		97
47) Bromodichloromethane	9.646	83	87277	20.285	ug/l		99
48) Methyl methacrylate	9.439	41	33972	19.809	ug/l		95
49) 1,4-Dioxane	9.470	88	9012	355.621	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.213	43	181538	94.031	ug/l		100
52) Toluene	10.390	92	174598	21.036	ug/l		96
53) t-1,3-Dichloropropene	10.610	75	84670	19.293	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	102097	19.551	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	48649	20.165	ug/l		99
56) Ethyl methacrylate	10.646	69	59873	18.954	ug/l		99
57) 1,3-Dichloropropane	10.933	76	86544	19.834	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	150836	103.179	ug/l		99
59) 2-Hexanone	10.969	43	121060	94.512	ug/l		98
60) Dibromochloromethane	11.134	129	51067	19.266	ug/l		99
61) 1,2-Dibromoethane	11.237	107	45052	19.782	ug/l		100
64) Tetrachloroethene	10.866	164	57989	21.353	ug/l		98
65) Chlorobenzene	11.658	112	175565	20.412	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	59256	20.029	ug/l		98
67) Ethyl Benzene	11.731	91	332437	21.114	ug/l		98
68) m/p-Xylenes	11.841	106	253960	42.194	ug/l		99
69) o-Xylene	12.164	106	117528	20.886	ug/l		95
70) Styrene	12.182	104	197640	20.792	ug/l		98
71) Bromoform	12.347	173	27094	18.369	ug/l	#	88
73) Isopropylbenzene	12.463	105	325546	20.920	ug/l		99
74) N-amyl acetate	12.274	43	64035	17.985	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	56681	19.368	ug/l		100
76) 1,2,3-Trichloropropane	12.768	75	37939m	18.743	ug/l		
77) Bromobenzene	12.749	156	70074	19.976	ug/l		97
78) n-propylbenzene	12.804	91	402442	20.685	ug/l		100
79) 2-Chlorotoluene	12.890	91	231290	20.220	ug/l		97
80) 1,3,5-Trimethylbenzene	12.945	105	276312	20.823	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	15314	17.242	ug/l		95
82) 4-Chlorotoluene	12.987	91	243831	20.614	ug/l		99
83) tert-Butylbenzene	13.207	119	236251	20.985	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	272491	20.520	ug/l		99
85) sec-Butylbenzene	13.383	105	356813	20.620	ug/l		100
86) p-Isopropyltoluene	13.499	119	291698	20.457	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	143586	19.999	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	142767	20.089	ug/l		99
89) n-Butylbenzene	13.822	91	290016	20.776	ug/l		99
90) Hexachloroethane	14.097	117	49863	19.836	ug/l		99
91) 1,2-Dichlorobenzene	13.871	146	128839	20.403	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8368	17.246	ug/l		95
93) 1,2,4-Trichlorobenzene	15.133	180	86458	20.283	ug/l		98
94) Hexachlorobutadiene	15.231	225	50737	21.040	ug/l		96
95) Naphthalene	15.365	128	149069	19.094	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	73641	19.764	ug/l		98

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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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