Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
Data File : VW019260.D
Acq On : 22 Jun 2021 11:46
Operator : SY/VA
Sample : VW0622SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBSD01

Manual Integrations APPROVED
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6/23/2021 5:29:29 PM

Quant Time: Jun 23 05:39:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	421745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	700587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	632852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	295669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	236457	46.219	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.440%		
35) Dibromofluoromethane	7.885	113	210246	47.116	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.240%		
50) Toluene-d8	10.323	98	868651	48.628	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.621	95	304197	48.690	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	52687	17.612	ug/l	97
3) Chloromethane	2.215	50	55163	15.594	ug/l	97
4) Vinyl Chloride	2.367	62	94118	17.395	ug/l	99
5) Bromomethane	2.788	94	72553	17.132	ug/l	97
6) Chloroethane	2.928	64	60563	16.852	ug/l	100
7) Trichlorofluoromethane	3.263	101	57889	18.870	ug/l	99
8) Diethyl Ether	3.684	74	44410	18.996	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.074	101	86130	19.430	ug/l	100
10) Methyl Iodide	4.282	142	116583	19.654	ug/l	97
11) Tert butyl alcohol	5.202	59	24138	89.278	ug/l #	84
12) 1,1-Dichloroethene	4.056	96	88950	19.517	ug/l	100
13) Acrolein	3.904	56	23280	86.427	ug/l	98
14) Allyl chloride	4.672	41	109694	17.931	ug/l	98
15) Acrylonitrile	5.379	53	82134	85.757	ug/l	100
16) Acetone	4.147	43	63341	77.140	ug/l	96
17) Carbon Disulfide	4.397	76	240712	17.895	ug/l	98
18) Methyl Acetate	4.684	43	34384	16.460	ug/l	94
19) Methyl tert-butyl Ether	5.428	73	120397	19.487	ug/l	100
20) Methylene Chloride	4.922	84	115119	18.337	ug/l	97
21) trans-1,2-Dichloroethene	5.434	96	96515	19.027	ug/l	93
22) Diisopropyl ether	6.318	45	242613	18.255	ug/l	99
23) Vinyl Acetate	6.257	43	713881	88.495	ug/l	99
24) 1,1-Dichloroethane	6.220	63	171182	18.274	ug/l	98
25) 2-Butanone	7.177	43	98217	81.103	ug/l	99
26) 2,2-Dichloropropane	7.171	77	99154	19.323	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	106066	19.266	ug/l	98
28) Bromochloromethane	7.513	49	66068	17.818	ug/l	98
29) Tetrahydrofuran	7.537	42	63793	85.049	ug/l	99
30) Chloroform	7.677	83	178787	19.030	ug/l	97
31) Cyclohexane	7.958	56	158151	18.180	ug/l	91
32) 1,1,1-Trichloroethane	7.878	97	138795	19.616	ug/l	98
36) 1,1-Dichloropropene	8.086	75	142685	19.244	ug/l	99
37) Ethyl Acetate	7.257	43	47313	17.069	ug/l	98
38) Carbon Tetrachloride	8.074	117	133633	20.617	ug/l	96
39) Methylcyclohexane	9.342	83	175850	19.996	ug/l	97
40) Benzene	8.330	78	385551	18.981	ug/l	100

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41) Methacrylonitrile	7.482	41	28001	18.054	ug/l		93
42) 1,2-Dichloroethane	8.403	62	115867	19.198	ug/l		100
43) Isopropyl Acetate	8.427	43	93225	17.622	ug/l		99
44) Trichloroethene	9.098	130	101077	19.995	ug/l		97
45) 1,2-Dichloropropane	9.372	63	92932	18.642	ug/l		97
46) Dibromomethane	9.457	93	49645	18.958	ug/l		98
47) Bromodichloromethane	9.646	83	124859	18.862	ug/l		96
48) Methyl methacrylate	9.439	41	39296	16.504	ug/l		96
49) 1,4-Dioxane	9.476	88	12968	383.692	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.213	43	230196	85.890	ug/l		99
52) Toluene	10.390	92	245545	19.426	ug/l		97
53) t-1,3-Dichloropropene	10.610	75	123582	18.727	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	147599	19.187	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	67686	18.757	ug/l		97
56) Ethyl methacrylate	10.646	69	85293	18.662	ug/l		98
57) 1,3-Dichloropropane	10.933	76	120958	18.613	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	192111	89.650	ug/l		99
59) 2-Hexanone	10.969	43	155435	85.626	ug/l		100
60) Dibromochloromethane	11.128	129	73588	18.848	ug/l		99
61) 1,2-Dibromoethane	11.238	107	65316	19.336	ug/l		99
64) Tetrachloroethene	10.866	164	83410	20.733	ug/l		95
65) Chlorobenzene	11.658	112	255980	19.897	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	86912	19.758	ug/l		99
67) Ethyl Benzene	11.731	91	475099	19.561	ug/l		100
68) m/p-Xylenes	11.841	106	363807	40.123	ug/l		97
69) o-Xylene	12.164	106	171293	20.156	ug/l		97
70) Styrene	12.183	104	284739	19.870	ug/l		99
71) Bromoform	12.353	173	38566	18.077	ug/l	#	98
73) Isopropylbenzene	12.463	105	461552	20.989	ug/l		100
74) N-amyl acetate	12.274	43	86818	18.642	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	76465	19.116	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	51780m	17.876	ug/l		
77) Bromobenzene	12.749	156	100083	21.143	ug/l		98
78) n-propylbenzene	12.804	91	579259	20.893	ug/l		100
79) 2-Chlorotoluene	12.890	91	333391	21.035	ug/l		98
80) 1,3,5-Trimethylbenzene	12.945	105	392945	21.076	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	21665	18.145	ug/l		97
82) 4-Chlorotoluene	12.987	91	343588	20.742	ug/l		100
83) tert-Butylbenzene	13.207	119	339433	21.564	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	396128	21.400	ug/l		99
85) sec-Butylbenzene	13.384	105	528728	21.594	ug/l		99
86) p-Isopropyltoluene	13.499	119	423729	21.268	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	205495	20.517	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	205664	20.777	ug/l		98
89) n-Butylbenzene	13.822	91	429521	21.434	ug/l		99
90) Hexachloroethane	14.091	117	71727	19.862	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	179729	20.575	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12004	18.803	ug/l		95
93) 1,2,4-Trichlorobenzene	15.127	180	118966	21.339	ug/l		98
94) Hexachlorobutadiene	15.231	225	71619	21.785	ug/l		95
95) Naphthalene	15.365	128	211350	20.785	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	102583	21.288	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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