Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
Data File : VW015197.D
Acq On : 15 Apr 2020 12:22
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Quant Time: Apr 15 14:23:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	616570	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1040663	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.63	117	895798	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	415298	50.00 ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	56485	6.66 ug/l	0.00
Spiked Amount 50.000			Recovery	= 13.32%	
35) Dibromofluoromethane	7.88	113	58750	9.60 ug/l	0.00
Spiked Amount 50.000			Recovery	= 19.20%	
50) Toluene-d8	10.32	98	230162	9.06 ug/l	0.00
Spiked Amount 50.000			Recovery	= 18.12%	
62) 4-Bromofluorobenzene	12.62	95	77715	9.17 ug/l	0.00
Spiked Amount 50.000			Recovery	= 18.34%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31655	8.322 ug/l	97
3) Chloromethane	2.21	50	52716	6.859 ug/l	99
4) Vinyl Chloride	2.36	62	63111	6.343 ug/l	97
5) Bromomethane	2.78	94	34338	6.069 ug/l	94
6) Chloroethane	2.92	64	31689	5.651 ug/l	97
7) Trichlorofluoromethane	3.26	101	41332	8.200 ug/l	90
8) Diethyl Ether	3.68	74	30631	7.902 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	63257	8.092 ug/l	99
10) Methyl Iodide	4.27	142	94038	10.371 ug/l	99
11) Tert butyl alcohol	5.17	59	22468	44.609 ug/l #	72
12) 1,1-Dichloroethene	4.04	96	63993	8.354 ug/l	93
13) Acrolein	3.89	56	22748	32.425 ug/l	98
14) Allyl chloride	4.67	41	94697	6.460 ug/l	100
15) Acrylonitrile	5.37	53	63894	33.213 ug/l	99
16) Acetone	4.12	43	53390	28.490 ug/l	99
17) Carbon Disulfide	4.38	76	190575	7.159 ug/l	99
18) Methyl Acetate	4.67	43	31946	6.918 ug/l	97
19) Methyl tert-butyl Ether	5.42	73	85035	8.766 ug/l	97
20) Methylene Chloride	4.92	84	74713	8.070 ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	67205	8.296 ug/l	96
22) Diisopropyl ether	6.31	45	188957	6.732 ug/l	94
23) Vinyl Acetate	6.25	43	528191	32.086 ug/l	100
24) 1,1-Dichloroethane	6.21	63	112777	6.790 ug/l	96
25) 2-Butanone	7.17	43	78540	30.201 ug/l	97
26) 2,2-Dichloropropane	7.17	77	77528	8.008 ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	71962	8.517 ug/l	100
28) Bromochloromethane	7.51	49	48805	6.328 ug/l	100
29) Tetrahydrofuran	7.53	42	51193	31.380 ug/l	100
30) Chloroform	7.68	83	111023	7.436 ug/l	94
31) Cyclohexane	7.95	56	124145	7.252 ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	94136	8.021 ug/l	99
36) 1,1-Dichloropropene	8.08	75	95502	8.257 ug/l	99
37) Ethyl Acetate	7.25	43	39123	6.976 ug/l #	94
38) Carbon Tetrachloride	8.07	117	87926	9.110 ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125090	9.250	ug/l	98
40) Benzene	8.32	78	265960	8.217	ug/l	96
41) Methacrylonitrile	7.48	41	23405	7.792	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65935	6.852	ug/l	98
43) Isopropyl Acetate	8.42	43	73493	7.230	ug/l	99
44) Trichloroethene	9.09	130	70897	9.937	ug/l	95
45) 1,2-Dichloropropane	9.37	63	65413	7.600	ug/l	94
46) Dibromomethane	9.46	93	31907	8.346	ug/l	98
47) Bromodichloromethane	9.65	83	82816	8.142	ug/l	98
48) Methyl methacrylate	9.43	41	32183	6.846	ug/l	91
49) 1,4-Dioxane	9.44	88	11015	192.399	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	197472	35.481	ug/l	100
52) Toluene	10.38	92	169016	8.983	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82547	8.245	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100751	8.273	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	46493	8.852	ug/l	96
56) Ethyl methacrylate	10.64	69	58796	8.695	ug/l	96
57) 1,3-Dichloropropane	10.93	76	80502	8.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143244	37.102	ug/l	98
59) 2-Hexanone	10.96	43	120628	34.939	ug/l	99
60) Dibromochloromethane	11.13	129	53858	9.697	ug/l	98
61) 1,2-Dibromoethane	11.23	107	42579	9.033	ug/l	95
64) Tetrachloroethene	10.86	164	53133	10.231	ug/l	98
65) Chlorobenzene	11.66	112	169841	9.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	59276	9.926	ug/l	97
67) Ethyl Benzene	11.73	91	324504	9.459	ug/l	100
68) m/p-Xylenes	11.84	106	247535	20.173	ug/l	97
69) o-Xylene	12.16	106	114477	10.290	ug/l	98
70) Styrene	12.18	104	188602	9.942	ug/l	100
71) Bromoform	12.35	173	27439	10.182	ug/l #	99
73) Isopropylbenzene	12.46	105	312726	9.950	ug/l	99
74) N-amyl acetate	12.27	43	68250	7.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49821	7.989	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38042m	8.316	ug/l	
77) Bromobenzene	12.74	156	65717	10.402	ug/l	96
78) n-propylbenzene	12.80	91	377544	9.342	ug/l	99
79) 2-Chlorotoluene	12.89	91	205983	9.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	263506	9.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16011	7.847	ug/l	95
82) 4-Chlorotoluene	12.99	91	216605	8.939	ug/l	99
83) tert-Butylbenzene	13.21	119	231438	10.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	259737	9.645	ug/l	98
85) sec-Butylbenzene	13.38	105	322178	9.738	ug/l	99
86) p-Isopropyltoluene	13.50	119	292980	10.264	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	128645	9.709	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	129660	9.912	ug/l	98
89) n-Butylbenzene	13.82	91	284435	9.373	ug/l	98
90) Hexachloroethane	14.09	117	54455	9.444	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	117302	10.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8316	8.283	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77591	11.415	ug/l	98
94) Hexachlorobutadiene	15.23	225	46009	10.829	ug/l	97
95) Naphthalene	15.36	128	135900	10.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	63955	10.624	ug/l	98

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

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