Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
Data File : VY000131.D
Acq On : 23 Sep 2019 13:32
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092319

Manual Integrations APPROVED
MMDadoda
9/25/2019 12:39:26 AM

Quant Time: Sep 24 05:26:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 05:14:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	125974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	226223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	201110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	69982	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.66%			
35) Dibromofluoromethane	7.72	113	66431	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.28%			
50) Toluene-d8	10.18	98	272336	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%			
62) 4-Bromofluorobenzene	12.48	95	94754	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	53344	42.686	ug/l	93
3) Chloromethane	2.11	50	89197	49.077	ug/l	99
4) Vinyl Chloride	2.25	62	92498	47.758	ug/l	99
5) Bromomethane	2.63	94	60095	50.092	ug/l	100
6) Chloroethane	2.78	64	57177	47.786	ug/l	98
7) Trichlorofluoromethane	3.12	101	103622	46.840	ug/l	97
8) Diethyl Ether	3.53	74	43715	46.098	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	69744	47.547	ug/l	99
10) Methyl Iodide	4.09	142	90970	48.342	ug/l	96
11) Tert butyl alcohol	4.96	59	35751	239.130	ug/l	99
12) 1,1-Dichloroethene	3.86	96	73202	48.317	ug/l	90
13) Acrolein	3.73	56	9012	148.361	ug/l	94
14) Allyl chloride	4.48	41	104973	49.086	ug/l	96
15) Acrylonitrile	5.17	53	105745	230.034	ug/l	99
16) Acetone	3.95	43	67260	238.932	ug/l	90
17) Carbon Disulfide	4.18	76	242840	46.522	ug/l	100
18) Methyl Acetate	4.48	43	46202	44.802	ug/l	100
19) Methyl tert-butyl Ether	5.21	73	186970	47.493	ug/l	96
20) Methylene Chloride	4.71	84	94749	50.086	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	81067	47.448	ug/l	96
22) Diisopropyl ether	6.12	45	216055	47.385	ug/l	95
23) Vinyl Acetate	6.06	43	733352	241.344	ug/l	96
24) 1,1-Dichloroethane	6.01	63	126936	46.733	ug/l	98
25) 2-Butanone	6.99	43	122375	234.310	ug/l	94
26) 2,2-Dichloropropane	6.98	77	112838	45.841	ug/l	98
27) cis-1,2-Dichloroethene	6.98	96	89680	47.160	ug/l	98
28) Bromochloromethane	7.33	49	51052	48.098	ug/l	98
29) Tetrahydrofuran	7.35	42	83940	237.332	ug/l	97
30) Chloroform	7.51	83	124259	45.441	ug/l	95
31) Cyclohexane	7.78	56	126792	45.017	ug/l	97
32) 1,1,1-Trichloroethane	7.70	97	108151	48.074	ug/l	99
36) 1,1-Dichloropropene	7.92	75	106009	50.610	ug/l	100
37) Ethyl Acetate	7.07	43	57346	51.841	ug/l	99
38) Carbon Tetrachloride	7.90	117	89986	50.055	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.18	83	146341	50.797	ug/l		98
40) Benzene	8.16	78	320571	49.588	ug/l		100
41) Methacrylonitrile	7.32	41	29497m	54.160	ug/l		
42) 1,2-Dichloroethane	8.23	62	84514	51.265	ug/l		100
43) Isopropyl Acetate	8.27	43	109859	49.651	ug/l		98
44) Trichloroethene	8.94	130	83166	51.810	ug/l		93
45) 1,2-Dichloropropane	9.22	63	75548	48.383	ug/l		94
46) Dibromomethane	9.31	93	42642	49.104	ug/l		98
47) Bromodichloromethane	9.49	83	100512	50.551	ug/l		98
48) Methyl methacrylate	9.29	41	49491	52.342	ug/l		96
49) 1,4-Dioxane	9.30	88	13496	984.433	ug/l		87
51) 4-Methyl-2-Pentanone	10.07	43	285142	252.901	ug/l		100
52) Toluene	10.24	92	202380	50.661	ug/l		100
53) t-1,3-Dichloropropene	10.46	75	110336	50.889	ug/l		99
54) cis-1,3-Dichloropropene	9.93	75	126804	50.444	ug/l		92
55) 1,1,2-Trichloroethane	10.65	97	61893	49.770	ug/l		97
56) Ethyl methacrylate	10.51	69	92055	52.552	ug/l		99
57) 1,3-Dichloropropane	10.79	76	107634	49.785	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.78	63	220046	254.443	ug/l		100
59) 2-Hexanone	10.83	43	209774	265.619	ug/l		99
60) Dibromochloromethane	10.98	129	68364	52.600	ug/l		97
61) 1,2-Dibromoethane	11.09	107	58589	50.130	ug/l		97
64) Tetrachloroethene	10.71	164	76688	50.096	ug/l		95
65) Chlorobenzene	11.51	112	208677	51.114	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.59	131	66986	51.064	ug/l		99
67) Ethyl Benzene	11.59	91	379775	51.176	ug/l		100
68) m/p-Xylenes	11.70	106	292324	102.150	ug/l		99
69) o-Xylene	12.02	106	140298	51.285	ug/l		99
70) Styrene	12.04	104	237443	51.370	ug/l		98
71) Bromoform	12.21	173	38717	52.273	ug/l	#	100
73) Isopropylbenzene	12.32	105	357846	49.405	ug/l		99
74) N-amyl acetate	12.14	43	104348	51.691	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.58	83	73528	50.843	ug/l		98
76) 1,2,3-Trichloropropane	12.63	75	44245m	46.410	ug/l		
77) Bromobenzene	12.60	156	75764	50.022	ug/l		98
78) n-propylbenzene	12.67	91	447173	49.919	ug/l		100
79) 2-Chlorotoluene	12.75	91	240590	48.924	ug/l		99
80) 1,3,5-Trimethylbenzene	12.81	105	304180	50.182	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.38	75	29353	50.609	ug/l		94
82) 4-Chlorotoluene	12.85	91	255873	50.448	ug/l		99
83) tert-Butylbenzene	13.07	119	251950	50.742	ug/l		98
84) 1,2,4-Trimethylbenzene	13.12	105	303937	50.244	ug/l		100
85) sec-Butylbenzene	13.25	105	378340	50.972	ug/l		100
86) p-Isopropyltoluene	13.37	119	317616	50.187	ug/l		99
87) 1,3-Dichlorobenzene	13.36	146	153851	51.915	ug/l		98
88) 1,4-Dichlorobenzene	13.44	146	153961	50.897	ug/l		98
89) n-Butylbenzene	13.69	91	336904	51.898	ug/l		99
90) Hexachloroethane	13.96	117	62971	50.244	ug/l		97
91) 1,2-Dichlorobenzene	13.74	146	142771	51.067	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12539	47.172	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	93913	52.245	ug/l	96
94) Hexachlorobutadiene	15.10	225	43271	54.160	ug/l	100
95) Naphthalene	15.23	128	229737	50.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	84582	52.758	ug/l	99

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

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