

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000481.D
 Acq On : 29 Oct 2019 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 11:00:02 AM

Quant Time: Oct 30 08:03:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	181825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	298900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	275106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	112322	58.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.12%	
35) Dibromofluoromethane	7.73	113	102156	56.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.32%	
50) Toluene-d8	10.19	98	389124	56.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.20%	
62) 4-Bromofluorobenzene	12.48	95	144061	54.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	55948	37.901	ug/l	95
3) Chloromethane	2.11	50	98833	44.482	ug/l	99
4) Vinyl Chloride	2.25	62	93225	41.575	ug/l	97
5) Bromomethane	2.65	94	64188	38.625	ug/l	99
6) Chloroethane	2.80	64	65363	45.177	ug/l	93
7) Trichlorofluoromethane	3.13	101	150340	49.015	ug/l	98
8) Diethyl Ether	3.53	74	57529	53.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	94691	50.905	ug/l	99
10) Methyl Iodide	4.10	142	100499	38.217	ug/l	99
11) Tert butyl alcohol	4.97	59	52768	262.897	ug/l	99
12) 1,1-Dichloroethene	3.88	96	89330	48.644	ug/l	96
13) Acrolein	3.74	56	51721	219.790	ug/l	99
14) Allyl chloride	4.49	41	153247	50.357	ug/l	99
15) Acrylonitrile	5.18	53	163254	269.177	ug/l	96
16) Acetone	3.96	43	150430	242.192	ug/l	98
17) Carbon Disulfide	4.20	76	232165	40.154	ug/l	99
18) Methyl Acetate	4.49	43	79204	51.323	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	283013	55.361	ug/l	95
20) Methylene Chloride	4.72	84	108309	51.968	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	101465	48.159	ug/l	91
22) Diisopropyl ether	6.13	45	359764	55.895	ug/l	97
23) Vinyl Acetate	6.08	43	1160104	276.276	ug/l	99
24) 1,1-Dichloroethane	6.03	63	184110	52.404	ug/l	99
25) 2-Butanone	7.00	43	235563	269.227	ug/l	100
26) 2,2-Dichloropropane	7.00	77	163376	50.466	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	121942	53.488	ug/l	99
28) Bromochloromethane	7.35	49	83507	55.369	ug/l	99
29) Tetrahydrofuran	7.36	42	146012	275.359	ug/l	97
30) Chloroform	7.52	83	193295	54.632	ug/l	95
31) Cyclohexane	7.79	56	164071	44.713	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	169204	53.792	ug/l	99
36) 1,1-Dichloropropene	7.93	75	147464	50.391	ug/l	98
37) Ethyl Acetate	7.09	43	95326	55.013	ug/l	97
38) Carbon Tetrachloride	7.91	117	148363	52.361	ug/l	99

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39) Methylcyclohexane	9.19	83	184717	48.227	ug/l	98
40) Benzene	8.17	78	442108	52.277	ug/l	99
41) Methacrylonitrile	7.33	41	56917m	69.006	ug/l	
42) 1,2-Dichloroethane	8.25	62	132689	54.927	ug/l	98
43) Isopropyl Acetate	8.28	43	187190	56.814	ug/l	99
44) Trichloroethene	8.95	130	118711	50.027	ug/l	96
45) 1,2-Dichloropropane	9.22	63	112860	54.380	ug/l	99
46) Dibromomethane	9.31	93	64668	55.740	ug/l	98
47) Bromodichloromethane	9.50	83	152671	55.838	ug/l	98
48) Methyl methacrylate	9.30	41	81944	56.750	ug/l	100
49) 1,4-Dioxane	9.31	88	19775	1136.793	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	501408	295.059	ug/l	100
52) Toluene	10.25	92	288521	53.735	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	163812	55.904	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	183890	55.260	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	95855	56.824	ug/l	95
56) Ethyl methacrylate	10.52	69	136008	56.567	ug/l	95
57) 1,3-Dichloropropane	10.80	76	164486	56.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	336434	350.806	ug/l	99
59) 2-Hexanone	10.83	43	363384	304.649	ug/l	99
60) Dibromochloromethane	10.99	129	109096	58.350	ug/l	97
61) 1,2-Dibromoethane	11.09	107	89396	55.194	ug/l	97
64) Tetrachloroethene	10.72	164	122998	46.963	ug/l	99
65) Chlorobenzene	11.52	112	305694	52.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	114128	55.959	ug/l	98
67) Ethyl Benzene	11.59	91	559082	51.945	ug/l	98
68) m/p-Xylenes	11.70	106	430892	104.725	ug/l	100
69) o-Xylene	12.03	106	206160	52.523	ug/l	99
70) Styrene	12.05	104	361320	54.583	ug/l	99
71) Bromoform	12.20	173	69360	59.159	ug/l #	97
73) Isopropylbenzene	12.33	105	555863	48.457	ug/l	100
74) N-amyl acetate	12.14	43	176303	62.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	119715	55.584	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	90358m	49.948	ug/l	
77) Bromobenzene	12.61	156	130615	51.170	ug/l	94
78) n-propylbenzene	12.67	91	670731	48.699	ug/l	99
79) 2-Chlorotoluene	12.75	91	372109	48.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	475391	49.423	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	40555	49.050	ug/l	100
82) 4-Chlorotoluene	12.85	91	401746	49.967	ug/l	99
83) tert-Butylbenzene	13.08	119	407389	50.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	476059	50.146	ug/l	100
85) sec-Butylbenzene	13.25	105	582858	49.463	ug/l	100
86) p-Isopropyltoluene	13.37	119	518810	50.502	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	257249	51.150	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	255300	50.787	ug/l	98
89) n-Butylbenzene	13.70	91	509054	50.143	ug/l	99
90) Hexachloroethane	13.96	117	98598	51.831	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	237287	52.134	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21411	52.416	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	160354	50.603	ug/l	100
94) Hexachlorobutadiene	15.11	225	83705	48.810	ug/l	97
95) Naphthalene	15.23	128	362448	51.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	143079	50.098	ug/l	95

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

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