

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000599.D
 Acq On : 07 Nov 2019 23:09
 Operator : SY/MD
 Sample : VY1107SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:20 PM

Quant Time: Nov 08 10:00:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	441513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	157249	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	
35) Dibromofluoromethane	7.73	113	137002	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.18	98	537942	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.48	95	191554	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	44242	17.196	ug/l	97
3) Chloromethane	2.12	50	64618	18.232	ug/l	90
4) Vinyl Chloride	2.25	62	60771	18.464	ug/l	98
5) Bromomethane	2.64	94	42172	21.367	ug/l	91
6) Chloroethane	2.79	64	40695	19.756	ug/l	90
7) Trichlorofluoromethane	3.13	101	85778	19.298	ug/l	92
8) Diethyl Ether	3.54	74	33442	21.174	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51791	19.273	ug/l	97
10) Methyl Iodide	4.10	142	62322	19.692	ug/l	100
11) Tert butyl alcohol	4.96	59	26745	101.578	ug/l	98
12) 1,1-Dichloroethene	3.87	96	51586	19.759	ug/l	100
13) Acrolein	3.74	56	18542	80.848	ug/l	90
14) Allyl chloride	4.49	41	89253	21.024	ug/l	99
15) Acrylonitrile	5.18	53	86577	107.010	ug/l	99
16) Acetone	3.95	43	66826	89.642	ug/l	91
17) Carbon Disulfide	4.19	76	153714	18.667	ug/l	99
18) Methyl Acetate	4.49	43	53144	22.927	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	155594	21.435	ug/l	97
20) Methylene Chloride	4.72	84	67383	21.095	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	59800	20.261	ug/l	94
22) Diisopropyl ether	6.13	45	196711	21.319	ug/l	95
23) Vinyl Acetate	6.07	43	595626	102.258	ug/l	100
24) 1,1-Dichloroethane	6.03	63	105160	21.037	ug/l	96
25) 2-Butanone	7.00	43	116713	98.101	ug/l	98
26) 2,2-Dichloropropane	6.99	77	83623	18.305	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	67152	20.807	ug/l	99
28) Bromochloromethane	7.35	49	27508	15.171	ug/l	97
29) Tetrahydrofuran	7.36	42	74861	102.855	ug/l	98
30) Chloroform	7.52	83	105351	20.833	ug/l	93
31) Cyclohexane	7.80	56	99931	19.087	ug/l #	91
32) 1,1,1-Trichloroethane	7.71	97	88841	19.713	ug/l	99
36) 1,1-Dichloropropene	7.93	75	81772	19.592	ug/l	99
37) Ethyl Acetate	7.09	43	52054	21.006	ug/l	98
38) Carbon Tetrachloride	7.91	117	76939	19.157	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	98701	18.304	ug/l	98
40) Benzene	8.17	78	246114	20.113	ug/l	98
41) Methacrylonitrile	7.33	41	30762m	22.253	ug/l	
42) 1,2-Dichloroethane	8.25	62	74422	21.443	ug/l	99
43) Isopropyl Acetate	8.28	43	97731	20.995	ug/l	99
44) Trichloroethene	8.95	130	63482	19.676	ug/l	94
45) 1,2-Dichloropropane	9.22	63	62822	20.859	ug/l	93
46) Dibromomethane	9.32	93	34269	20.690	ug/l	96
47) Bromodichloromethane	9.50	83	79283	20.173	ug/l	97
48) Methyl methacrylate	9.30	41	42019	20.660	ug/l	98
49) 1,4-Dioxane	9.31	88	9583	429.894	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	256381	103.591	ug/l	97
52) Toluene	10.25	92	153735	19.871	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	83675	19.926	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	95855	19.925	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	48721	20.337	ug/l	97
56) Ethyl methacrylate	10.51	69	70144	20.658	ug/l	98
57) 1,3-Dichloropropane	10.80	76	86467	20.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	160081	104.284	ug/l	98
59) 2-Hexanone	10.83	43	182926	101.444	ug/l	98
60) Dibromochloromethane	10.99	129	55280	20.145	ug/l	96
61) 1,2-Dibromoethane	11.09	107	47433	20.592	ug/l	97
64) Tetrachloroethene	10.72	164	67059	20.181	ug/l	97
65) Chlorobenzene	11.52	112	161087	19.771	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	56125	19.863	ug/l	99
67) Ethyl Benzene	11.60	91	300052	20.010	ug/l	100
68) m/p-Xylenes	11.70	106	224493	38.682	ug/l	96
69) o-Xylene	12.03	106	104979	19.247	ug/l	96
70) Styrene	12.05	104	185773	19.890	ug/l	100
71) Bromoform	12.20	173	32850	20.212	ug/l #	97
73) Isopropylbenzene	12.33	105	288544	20.322	ug/l	100
74) N-amyl acetate	12.14	43	86529	21.279	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58554	20.828	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	44549m	20.366	ug/l	
77) Bromobenzene	12.61	156	63398	19.690	ug/l	95
78) n-propylbenzene	12.67	91	344084	20.085	ug/l	100
79) 2-Chlorotoluene	12.75	91	193560	20.352	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	244629	20.687	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	18918	19.391	ug/l	94
82) 4-Chlorotoluene	12.85	91	202660	20.557	ug/l	97
83) tert-Butylbenzene	13.08	119	204013	20.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	241590	20.519	ug/l	99
85) sec-Butylbenzene	13.25	105	288486	20.055	ug/l	100
86) p-Isopropyltoluene	13.37	119	257999	20.124	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	126899	20.122	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	127923	20.299	ug/l	99
89) n-Butylbenzene	13.69	91	252463	19.966	ug/l	99
90) Hexachloroethane	13.96	117	48671	20.535	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	115482	20.182	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9998	20.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	76526	19.642	ug/l	100
94) Hexachlorobutadiene	15.11	225	39325	19.581	ug/l	97
95) Naphthalene	15.23	128	178717	20.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	69606	19.914	ug/l	97

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

