

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000692.D
 Acq On : 15 Nov 2019 11:54
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:24:20 PM

Quant Time: Nov 16 02:43:44 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	212746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	119206	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.73	113	104258	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.18	98	428210	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.48	95	152222	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	41647	19.886	ug/l	96
3) Chloromethane	2.12	50	59589	20.655	ug/l	96
4) Vinyl Chloride	2.25	62	54481	20.336	ug/l	98
5) Bromomethane	2.63	94	48821	30.389	ug/l	97
6) Chloroethane	2.79	64	36556	21.802	ug/l	96
7) Trichlorofluoromethane	3.12	101	80947	22.373	ug/l	98
8) Diethyl Ether	3.54	74	26153	20.344	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	46639	21.322	ug/l	96
10) Methyl Iodide	4.10	142	31206	13.345	ug/l	98
11) Tert butyl alcohol	4.97	59	22296	104.033	ug/l	98
12) 1,1-Dichloroethene	3.88	96	45464	21.394	ug/l	95
13) Acrolein	3.74	56	14685	78.663	ug/l	94
14) Allyl chloride	4.49	41	77626	22.464	ug/l	98
15) Acrylonitrile	5.17	53	74194	112.662	ug/l	97
16) Acetone	3.96	43	58059	95.681	ug/l	96
17) Carbon Disulfide	4.20	76	135151	20.164	ug/l	99
18) Methyl Acetate	4.49	43	40413	21.419	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	125454	21.233	ug/l	97
20) Methylene Chloride	4.72	84	61310	23.580	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	51960	21.628	ug/l	95
22) Diisopropyl ether	6.13	45	163951	21.829	ug/l	98
23) Vinyl Acetate	6.07	43	518457	109.352	ug/l	99
24) 1,1-Dichloroethane	6.04	63	86971	21.375	ug/l	98
25) 2-Butanone	7.00	43	97237	100.409	ug/l	100
26) 2,2-Dichloropropane	6.99	77	77777	20.917	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	55825	21.250	ug/l	97
28) Bromochloromethane	7.34	49	23443	15.692	ug/l	91
29) Tetrahydrofuran	7.36	42	63721	107.557	ug/l	99
30) Chloroform	7.52	83	93304	22.668	ug/l	97
31) Cyclohexane	7.79	56	89768	21.064	ug/l	# 95
32) 1,1,1-Trichloroethane	7.71	97	78784	21.476	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71236	21.252	ug/l	99
37) Ethyl Acetate	7.09	43	40805	20.504	ug/l	98
38) Carbon Tetrachloride	7.91	117	69670	21.601	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91571	21.145	ug/l	96
40) Benzene	8.17	78	208069	21.173	ug/l	100
41) Methacrylonitrile	7.32	41	21315m	19.199	ug/l	
42) 1,2-Dichloroethane	8.25	62	60747	21.794	ug/l	99
43) Isopropyl Acetate	8.28	43	80656	21.575	ug/l	97
44) Trichloroethene	8.95	130	56646	21.862	ug/l	90
45) 1,2-Dichloropropane	9.22	63	52203	21.583	ug/l	96
46) Dibromomethane	9.31	93	28870	21.704	ug/l	99
47) Bromodichloromethane	9.50	83	68000	21.545	ug/l	99
48) Methyl methacrylate	9.30	41	36200	22.162	ug/l	96
49) 1,4-Dioxane	9.31	88	8541	477.092	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	215319	108.331	ug/l	98
52) Toluene	10.24	92	134322	21.619	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	71612	21.235	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	82420	21.333	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	41694	21.671	ug/l	91
56) Ethyl methacrylate	10.51	69	58030	21.281	ug/l	99
57) 1,3-Dichloropropane	10.79	76	73240	21.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	117879	95.620	ug/l	98
59) 2-Hexanone	10.83	43	144514	99.791	ug/l	98
60) Dibromochloromethane	10.99	129	44298	20.101	ug/l	99
61) 1,2-Dibromoethane	11.09	107	38840	20.996	ug/l	99
64) Tetrachloroethene	10.72	164	54655	20.641	ug/l	96
65) Chlorobenzene	11.52	112	138659	21.357	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	48761	21.655	ug/l	98
67) Ethyl Benzene	11.59	91	251486	21.047	ug/l	97
68) m/p-Xylenes	11.70	106	191409	41.388	ug/l	96
69) o-Xylene	12.03	106	94345	21.706	ug/l	94
70) Styrene	12.04	104	154146	20.711	ug/l	100
71) Bromoform	12.20	173	27310	21.087	ug/l #	98
73) Isopropylbenzene	12.33	105	247657	21.622	ug/l	99
74) N-amyl acetate	12.14	43	68222	20.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50152	22.114	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	33417m	18.937	ug/l	
77) Bromobenzene	12.61	156	55679	21.436	ug/l	99
78) n-propylbenzene	12.67	91	302941	21.920	ug/l	100
79) 2-Chlorotoluene	12.75	91	167871	21.880	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	205404	21.532	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16460	20.914	ug/l	97
82) 4-Chlorotoluene	12.85	91	173207	21.779	ug/l	97
83) tert-Butylbenzene	13.07	119	179349	22.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	211298	22.246	ug/l	98
85) sec-Butylbenzene	13.25	105	255727	22.037	ug/l	99
86) p-Isopropyltoluene	13.36	119	231015	22.336	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	108392	21.305	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	109785	21.595	ug/l	99
89) n-Butylbenzene	13.69	91	226495	22.203	ug/l	99
90) Hexachloroethane	13.95	117	39807	20.819	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	102312	22.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8868	22.094	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70186	22.331	ug/l	99
94) Hexachlorobutadiene	15.11	225	35029	21.621	ug/l	98
95) Naphthalene	15.23	128	148900	21.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	63693	22.588	ug/l	98

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

