

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000874.D
 Acq On : 05 Dec 2019 11:57
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Manual Integrations
 APPROVED

apatel
 12/6/2019 10:01:24 AM

Quant Time: Dec 06 04:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	285290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	504256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156222	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.73	113	150110	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.18	98	619082	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	212770	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	57544	18.738	ug/l	96
3) Chloromethane	2.11	50	76754	20.275	ug/l	98
4) Vinyl Chloride	2.25	62	73850	19.794	ug/l	100
5) Bromomethane	2.64	94	48372	19.965	ug/l	91
6) Chloroethane	2.79	64	47528	20.777	ug/l	97
7) Trichlorofluoromethane	3.13	101	100885	19.731	ug/l	93
8) Diethyl Ether	3.54	74	39390	20.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64691	20.488	ug/l	97
10) Methyl Iodide	4.10	142	77946	19.607	ug/l	97
11) Tert butyl alcohol	4.96	59	27094	88.837	ug/l	98
12) 1,1-Dichloroethene	3.88	96	63516	20.305	ug/l	97
13) Acrolein	3.73	56	30757	102.376	ug/l	99
14) Allyl chloride	4.49	41	109083	20.338	ug/l	100
15) Acrylonitrile	5.18	53	98277	98.898	ug/l	100
16) Acetone	3.96	43	69808	100.384	ug/l	94
17) Carbon Disulfide	4.20	76	195815	19.355	ug/l	97
18) Methyl Acetate	4.48	43	57694	19.842	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	172759	20.680	ug/l	100
20) Methylene Chloride	4.72	84	77436	21.125	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	71709	20.169	ug/l	98
22) Diisopropyl ether	6.13	45	229958	20.860	ug/l	93
23) Vinyl Acetate	6.07	43	702883	104.881	ug/l	99
24) 1,1-Dichloroethane	6.03	63	124793	20.539	ug/l	99
25) 2-Butanone	7.00	43	123281	95.968	ug/l	97
26) 2,2-Dichloropropane	6.99	77	102546	20.053	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	78640	20.462	ug/l	99
28) Bromochloromethane	7.35	49	30380	15.103	ug/l	95
29) Tetrahydrofuran	7.35	42	88316	103.749	ug/l	97
30) Chloroform	7.52	83	120186	19.718	ug/l	98
31) Cyclohexane	7.80	56	130001	20.198	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	100461	19.960	ug/l	97
36) 1,1-Dichloropropene	7.92	75	98846	19.715	ug/l	99
37) Ethyl Acetate	7.08	43	56476	19.508	ug/l	99
38) Carbon Tetrachloride	7.91	117	87255	19.541	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	128620	19.363	ug/l	94
40) Benzene	8.17	78	296911	20.330	ug/l	100
41) Methacrylonitrile	7.33	41	25444m	16.675	ug/l	
42) 1,2-Dichloroethane	8.25	62	74647	19.435	ug/l	99
43) Isopropyl Acetate	8.28	43	104182	19.096	ug/l	100
44) Trichloroethene	8.94	130	75333	20.071	ug/l	96
45) 1,2-Dichloropropane	9.22	63	76243	20.784	ug/l	98
46) Dibromomethane	9.31	93	39012	20.354	ug/l	98
47) Bromodichloromethane	9.50	83	89281	19.829	ug/l	97
48) Methyl methacrylate	9.30	41	46500	19.383	ug/l	95
49) 1,4-Dioxane	9.30	88	10515	387.177	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	279620	99.198	ug/l	99
52) Toluene	10.24	92	181692	20.093	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	99214	20.509	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	117062	20.473	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	57054	20.148	ug/l	94
56) Ethyl methacrylate	10.51	69	81777	20.187	ug/l	99
57) 1,3-Dichloropropane	10.79	76	99302	20.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	164568	100.752	ug/l	100
59) 2-Hexanone	10.83	43	194445	94.666	ug/l	98
60) Dibromochloromethane	10.99	129	60426	19.822	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54384	20.378	ug/l	99
64) Tetrachloroethene	10.72	164	80713	20.637	ug/l	95
65) Chlorobenzene	11.52	112	189524	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	64831	20.559	ug/l	99
67) Ethyl Benzene	11.59	91	351541	20.173	ug/l	100
68) m/p-Xylenes	11.70	106	267262	40.860	ug/l	98
69) o-Xylene	12.03	106	125228	20.534	ug/l	98
70) Styrene	12.04	104	214599	20.550	ug/l	99
71) Bromoform	12.20	173	34227	19.245	ug/l #	99
73) Isopropylbenzene	12.33	105	339559	20.174	ug/l	99
74) N-amyl acetate	12.14	43	87879	18.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	62391	18.813	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45053m	18.811	ug/l	
77) Bromobenzene	12.61	156	74834	20.511	ug/l	95
78) n-propylbenzene	12.67	91	411727	20.034	ug/l	99
79) 2-Chlorotoluene	12.75	91	228889	20.160	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276100	19.812	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23285	19.097	ug/l	99
82) 4-Chlorotoluene	12.85	91	235756	20.155	ug/l	99
83) tert-Butylbenzene	13.07	119	239565	20.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	278412	19.969	ug/l	97
85) sec-Butylbenzene	13.25	105	337312	19.795	ug/l	99
86) p-Isopropyltoluene	13.37	119	296256	19.989	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	144782	20.229	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	145966	20.597	ug/l	99
89) n-Butylbenzene	13.69	91	304436	20.316	ug/l	99
90) Hexachloroethane	13.96	117	54922	20.116	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	131833	20.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11118	20.025	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	88886	20.404	ug/l	98
94) Hexachlorobutadiene	15.11	225	45054	20.860	ug/l	98
95) Naphthalene	15.23	128	205764	20.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	78922	20.283	ug/l	98

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

