

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000930.D
 Acq On : 12 Dec 2019 13:26
 Operator : SY/MD
 Sample : VY1212SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
 APPROVED

apatel
 12/13/2019 10:33:46 AM

Quant Time: Dec 13 08:49:06 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	289460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	506528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	452080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	160394	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.72	113	154915	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	10.17	98	638789	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.47	95	221781	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56503	18.133	ug/l	95
3) Chloromethane	2.11	50	69990	18.222	ug/l	98
4) Vinyl Chloride	2.25	62	71681	18.936	ug/l	99
5) Bromomethane	2.65	94	35252	14.062	ug/l	94
6) Chloroethane	2.79	64	44587	19.211	ug/l #	88
7) Trichlorofluoromethane	3.12	101	101273	19.521	ug/l	99
8) Diethyl Ether	3.53	74	40440	20.711	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	66031	20.611	ug/l	98
10) Methyl Iodide	4.09	142	81391	20.179	ug/l	97
11) Tert butyl alcohol	4.98	59	27724	89.593	ug/l	97
12) 1,1-Dichloroethene	3.87	96	64567	20.344	ug/l	97
13) Acrolein	3.74	56	29569	97.004	ug/l	97
14) Allyl chloride	4.48	41	110227	20.255	ug/l	99
15) Acrylonitrile	5.18	53	103263	102.418	ug/l	99
16) Acetone	3.96	43	71247	100.977	ug/l	90
17) Carbon Disulfide	4.19	76	203097	19.786	ug/l	100
18) Methyl Acetate	4.49	43	56203	19.050	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	177205	20.907	ug/l	99
20) Methylene Chloride	4.72	84	91621	24.634	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	71007	19.684	ug/l	96
22) Diisopropyl ether	6.13	45	234254	20.944	ug/l	97
23) Vinyl Acetate	6.07	43	714825	105.126	ug/l	100
24) 1,1-Dichloroethane	6.02	63	126025	20.443	ug/l	99
25) 2-Butanone	7.00	43	128100	98.283	ug/l	95
26) 2,2-Dichloropropane	6.99	77	105526	20.339	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	79365	20.353	ug/l	98
28) Bromochloromethane	7.34	49	28682	14.194	ug/l	95
29) Tetrahydrofuran	7.35	42	90125	104.349	ug/l	97
30) Chloroform	7.51	83	120503	19.486	ug/l	100
31) Cyclohexane	7.78	56	129966	19.901	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	103706	20.308	ug/l	99
36) 1,1-Dichloropropene	7.93	75	100327	19.920	ug/l	99
37) Ethyl Acetate	7.08	43	59363	20.413	ug/l	99
38) Carbon Tetrachloride	7.90	117	89202	19.888	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	133553	20.015	ug/l	95
40) Benzene	8.16	78	301989	20.585	ug/l	99
41) Methacrylonitrile	7.32	41	28527m	18.612	ug/l	
42) 1,2-Dichloroethane	8.24	62	76019	19.704	ug/l	99
43) Isopropyl Acetate	8.28	43	109850	20.045	ug/l	99
44) Trichloroethene	8.94	130	78541	20.832	ug/l	99
45) 1,2-Dichloropropane	9.22	63	78155	21.209	ug/l	96
46) Dibromomethane	9.31	93	39304	20.414	ug/l	98
47) Bromodichloromethane	9.50	83	91934	20.326	ug/l	99
48) Methyl methacrylate	9.30	41	49576	20.572	ug/l	97
49) 1,4-Dioxane	9.30	88	11448	419.641	ug/l #	76
51) 4-Methyl-2-Pentanone	10.07	43	296191	104.605	ug/l	98
52) Toluene	10.24	92	188589	20.763	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	99120	20.398	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	119706	20.841	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	60682	21.333	ug/l	97
56) Ethyl methacrylate	10.51	69	84823	20.845	ug/l	98
57) 1,3-Dichloropropane	10.79	76	105793	21.339	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	167441	102.051	ug/l	99
59) 2-Hexanone	10.83	43	200888	97.365	ug/l	99
60) Dibromochloromethane	10.98	129	63750	20.818	ug/l	97
61) 1,2-Dibromoethane	11.08	107	57339	21.389	ug/l	97
64) Tetrachloroethene	10.72	164	84508	21.515	ug/l	94
65) Chlorobenzene	11.51	112	196831	20.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	66173	20.895	ug/l	99
67) Ethyl Benzene	11.59	91	354945	20.281	ug/l	100
68) m/p-Xylenes	11.70	106	272059	41.416	ug/l	99
69) o-Xylene	12.02	106	129207	21.095	ug/l	96
70) Styrene	12.04	104	228046	21.744	ug/l	98
71) Bromoform	12.20	173	37343	20.907	ug/l #	98
73) Isopropylbenzene	12.32	105	336658	19.609	ug/l	99
74) N-amyl acetate	12.14	43	96802	20.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65022	19.221	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	52734m	21.586	ug/l	
77) Bromobenzene	12.60	156	76094	20.447	ug/l	98
78) n-propylbenzene	12.66	91	418413	19.960	ug/l	100
79) 2-Chlorotoluene	12.75	91	227021	19.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	282776	19.893	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23916	19.230	ug/l	95
82) 4-Chlorotoluene	12.85	91	238870	20.020	ug/l	99
83) tert-Butylbenzene	13.07	119	238165	19.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	282303	19.850	ug/l	98
85) sec-Butylbenzene	13.25	105	351668	20.233	ug/l	100
86) p-Isopropyltoluene	13.36	119	305782	20.227	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148907	20.397	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	149775	20.720	ug/l	100
89) n-Butylbenzene	13.69	91	305682	19.999	ug/l	98
90) Hexachloroethane	13.95	117	55791	20.033	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	136442	20.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10804	19.077	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94570	21.283	ug/l	97
94) Hexachlorobutadiene	15.10	225	45434	20.623	ug/l	99
95) Naphthalene	15.23	128	223509	21.662	ug/l	98
96) 1,2,3-Trichlorobenzene	15.41	180	82481	20.781	ug/l	99

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

