

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000809.D
 Acq On : 27 Nov 2019 10:55
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:38 AM

Quant Time: Nov 27 12:10:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	547312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	489629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	34511	10.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.32%	
35) Dibromofluoromethane	7.73	113	32872	10.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.68%	
50) Toluene-d8	10.18	98	116080	9.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.16%	
62) 4-Bromofluorobenzene	12.48	95	49021	10.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.32%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	36663	11.660	ug/l 98
3) Chloromethane	2.12	50	44057	10.294	ug/l 99
4) Vinyl Chloride	2.25	62	46172	11.506	ug/l 97
5) Bromomethane	2.65	94	28180	11.590	ug/l 99
6) Chloroethane	2.79	64	27009	10.695	ug/l 100
7) Trichlorofluoromethane	3.13	101	59189	10.852	ug/l 89
8) Diethyl Ether	3.54	74	21607	11.011	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	36356	10.953	ug/l 100
10) Methyl Iodide	4.10	142	41296	10.506	ug/l 99
11) Tert butyl alcohol	4.97	59	17992	54.278	ug/l 96
12) 1,1-Dichloroethene	3.88	96	34451	10.772	ug/l 98
13) Acrolein	3.74	56	18216	63.549	ug/l 96
14) Allyl chloride	4.48	41	57333	10.773	ug/l 97
15) Acrylonitrile	5.18	53	58294	57.493	ug/l 96
16) Acetone	3.96	43	42313	48.644	ug/l 98
17) Carbon Disulfide	4.20	76	114161	11.153	ug/l 100
18) Methyl Acetate	4.49	43	29327	10.045	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	93470	10.381	ug/l 94
20) Methylene Chloride	4.72	84	44548	11.261	ug/l 93
21) trans-1,2-Dichloroethene	5.22	96	38851	10.645	ug/l 90
22) Diisopropyl ether	6.13	45	127035	11.076	ug/l 98
23) Vinyl Acetate	6.07	43	402972	55.646	ug/l 99
24) 1,1-Dichloroethane	6.03	63	68190	10.941	ug/l 95
25) 2-Butanone	7.00	43	74099	50.667	ug/l 100
26) 2,2-Dichloropropane	7.00	77	58119	10.365	ug/l 98
27) cis-1,2-Dichloroethene	7.00	96	43386	10.858	ug/l 98
28) Bromochloromethane	7.35	49	16960	7.071	ug/l 92
29) Tetrahydrofuran	7.35	42	49597	54.574	ug/l 97
30) Chloroform	7.52	83	70487	11.294	ug/l 97
31) Cyclohexane	7.79	56	74354	11.406	ug/l # 88
32) 1,1,1-Trichloroethane	7.71	97	57187	10.391	ug/l 99
36) 1,1-Dichloropropene	7.92	75	55169	10.509	ug/l 100
37) Ethyl Acetate	7.08	43	34122	10.851	ug/l 98
38) Carbon Tetrachloride	7.91	117	49478	9.937	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74566	10.995	ug/l	99
40) Benzene	8.17	78	162313	10.538	ug/l	99
41) Methacrylonitrile	7.33	41	16594m	9.578	ug/l	
42) 1,2-Dichloroethane	8.25	62	42712	9.904	ug/l	99
43) Isopropyl Acetate	8.28	43	61042	10.343	ug/l	99
44) Trichloroethene	8.95	130	40968	10.124	ug/l	94
45) 1,2-Dichloropropane	9.22	63	40341	10.569	ug/l #	85
46) Dibromomethane	9.31	93	21433	10.291	ug/l	99
47) Bromodichloromethane	9.50	83	49313	10.040	ug/l	99
48) Methyl methacrylate	9.30	41	27379	10.525	ug/l	98
49) 1,4-Dioxane	9.30	88	5968	209.156	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	161226	51.705	ug/l	97
52) Toluene	10.25	92	99267	10.216	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	52770	10.027	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	61026	10.083	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	31423	10.410	ug/l	98
56) Ethyl methacrylate	10.51	69	42326	9.837	ug/l	92
57) 1,3-Dichloropropane	10.79	76	54485	10.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	91602	49.085	ug/l	99
59) 2-Hexanone	10.83	43	113150	49.559	ug/l	97
60) Dibromochloromethane	10.99	129	32778	9.579	ug/l	96
61) 1,2-Dibromoethane	11.09	107	28474	9.837	ug/l	96
64) Tetrachloroethene	10.72	164	45544	11.123	ug/l	89
65) Chlorobenzene	11.52	112	102992	10.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	34818	10.074	ug/l	96
67) Ethyl Benzene	11.59	91	189862	10.297	ug/l	96
68) m/p-Xylenes	11.70	106	145025	20.465	ug/l	100
69) o-Xylene	12.03	106	66611	9.953	ug/l	97
70) Styrene	12.04	104	114114	9.979	ug/l	97
71) Bromoform	12.20	173	18271	9.181	ug/l #	98
73) Isopropylbenzene	12.33	105	180948	10.744	ug/l	100
74) N-amyl acetate	12.14	43	50390	10.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	35079	10.397	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	25790m	10.267	ug/l	
77) Bromobenzene	12.61	156	38867	10.206	ug/l	98
78) n-propylbenzene	12.67	91	219586	10.790	ug/l	99
79) 2-Chlorotoluene	12.75	91	119866	10.613	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	150258	10.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	11812	9.949	ug/l	89
82) 4-Chlorotoluene	12.85	91	124628	10.690	ug/l	100
83) tert-Butylbenzene	13.07	119	127841	10.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	149376	10.743	ug/l	98
85) sec-Butylbenzene	13.25	105	184731	10.885	ug/l	98
86) p-Isopropyltoluene	13.36	119	164884	10.917	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	79282	10.701	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	77290	10.431	ug/l	97
89) n-Butylbenzene	13.69	91	162668	10.881	ug/l	99
90) Hexachloroethane	13.95	117	28220	10.071	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	69017	10.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6206	10.495	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	46966	10.208	ug/l	98
94) Hexachlorobutadiene	15.11	225	24952	10.714	ug/l	99
95) Naphthalene	15.23	128	107469	10.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	41779	10.200	ug/l	96

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

