

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000409.D
 Acq On : 24 Oct 2019 15:03
 Operator : SY/MD
 Sample : VY1024SBSD02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:46:51 PM

Quant Time: Oct 25 07:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	349455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	118808	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.73	113	108968	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.18	98	432978	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.48	95	153827	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	42723	23.272	ug/l	89
3) Chloromethane	2.11	50	64998	25.177	ug/l	95
4) Vinyl Chloride	2.25	62	55795	21.415	ug/l	95
5) Bromomethane	2.63	94	33121	17.153	ug/l	90
6) Chloroethane	2.79	64	36979	21.997	ug/l	97
7) Trichlorofluoromethane	3.12	101	79506	22.309	ug/l	92
8) Diethyl Ether	3.54	74	31998	25.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48513	22.446	ug/l	98
10) Methyl Iodide	4.10	142	53794	18.245	ug/l	99
11) Tert butyl alcohol	4.97	59	23070	98.921	ug/l	97
12) 1,1-Dichloroethene	3.87	96	45644	21.392	ug/l	93
13) Acrolein	3.74	56	20939	76.581	ug/l	98
14) Allyl chloride	4.49	41	74957	21.199	ug/l	100
15) Acrylonitrile	5.17	53	73379	104.129	ug/l	97
16) Acetone	3.96	43	71231	98.701	ug/l	99
17) Carbon Disulfide	4.19	76	134675	20.047	ug/l	98
18) Methyl Acetate	4.49	43	39714	22.148	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	131478	22.135	ug/l	97
20) Methylene Chloride	4.72	84	81624	31.563	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	52797	21.567	ug/l	94
22) Diisopropyl ether	6.13	45	165765	22.165	ug/l	95
23) Vinyl Acetate	6.07	43	516195	105.800	ug/l	96
24) 1,1-Dichloroethane	6.03	63	90051	22.060	ug/l	98
25) 2-Butanone	7.00	43	107505	105.747	ug/l	94
26) 2,2-Dichloropropane	6.99	77	83745	22.264	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58304	22.010	ug/l	100
28) Bromochloromethane	7.34	49	35339	20.166	ug/l	98
29) Tetrahydrofuran	7.36	42	64151	104.122	ug/l	99
30) Chloroform	7.52	83	90694	22.061	ug/l	99
31) Cyclohexane	7.79	56	89738	21.048	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	80439	22.009	ug/l	98
36) 1,1-Dichloropropene	7.92	75	72681	21.243	ug/l	100
37) Ethyl Acetate	7.09	43	40930	20.204	ug/l	98
38) Carbon Tetrachloride	7.91	117	70302	21.222	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	93704	20.926	ug/l	97
40) Benzene	8.17	78	212595	21.502	ug/l	97
41) Methacrylonitrile	7.33	41	20045m	20.787	ug/l	
42) 1,2-Dichloroethane	8.25	62	62084	21.982	ug/l	98
43) Isopropyl Acetate	8.28	43	81373	21.125	ug/l	99
44) Trichloroethene	8.95	130	58420	21.058	ug/l	99
45) 1,2-Dichloropropane	9.22	63	54286	22.373	ug/l	99
46) Dibromomethane	9.31	93	28524	21.029	ug/l	97
47) Bromodichloromethane	9.50	83	69460	21.729	ug/l	97
48) Methyl methacrylate	9.30	41	35220	20.863	ug/l	98
49) 1,4-Dioxane	9.31	88	8999	442.480	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	212616	107.016	ug/l	100
52) Toluene	10.25	92	134503	21.426	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	72745	21.234	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	84208	21.644	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	44782	22.707	ug/l	92
56) Ethyl methacrylate	10.52	69	58784	20.912	ug/l	98
57) 1,3-Dichloropropane	10.80	76	75044	22.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	138357	123.397	ug/l	100
59) 2-Hexanone	10.83	43	154453	110.755	ug/l	98
60) Dibromochloromethane	10.99	129	48276	22.085	ug/l	98
61) 1,2-Dibromoethane	11.09	107	40377	21.323	ug/l	98
64) Tetrachloroethene	10.72	164	60566	20.399	ug/l	96
65) Chlorobenzene	11.52	112	143467	21.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	51657	22.342	ug/l	98
67) Ethyl Benzene	11.60	91	261753	21.452	ug/l	100
68) m/p-Xylenes	11.70	106	202567	43.428	ug/l	100
69) o-Xylene	12.03	106	95287	21.414	ug/l	98
70) Styrene	12.04	104	159081	21.198	ug/l	100
71) Bromoform	12.21	173	28012	21.075	ug/l #	99
73) Isopropylbenzene	12.33	105	253301	20.947	ug/l	99
74) N-amyl acetate	12.14	43	66197	22.298	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	49944	21.997	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	37131m	19.471	ug/l	
77) Bromobenzene	12.61	156	57815	21.486	ug/l	96
78) n-propylbenzene	12.67	91	303889	20.930	ug/l	99
79) 2-Chlorotoluene	12.75	91	167298	20.865	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	214050	21.110	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17529	20.111	ug/l	96
82) 4-Chlorotoluene	12.85	91	179718	21.204	ug/l	99
83) tert-Butylbenzene	13.07	119	185278	21.577	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	212105	21.194	ug/l	100
85) sec-Butylbenzene	13.25	105	260580	20.977	ug/l	98
86) p-Isopropyltoluene	13.37	119	232721	21.489	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	113380	21.385	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	115572	21.809	ug/l	97
89) n-Butylbenzene	13.69	91	225456	21.067	ug/l	99
90) Hexachloroethane	13.96	117	44471	22.176	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	104503	21.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8319	19.319	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	71284	21.339	ug/l	98
94) Hexachlorobutadiene	15.11	225	38711	21.413	ug/l	98
95) Naphthalene	15.23	128	152785	20.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	64872	21.547	ug/l	98

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

