

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000450.D
 Acq On : 28 Oct 2019 13:27
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:06:23 PM

Quant Time: Oct 29 10:14:13 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	201822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	332785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	305110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	115947	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.73	113	104113	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.18	98	407191	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	148425	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44076	25.514	ug/l	96
3) Chloromethane	2.11	50	60885	24.688	ug/l	95
4) Vinyl Chloride	2.25	62	57447	23.081	ug/l	98
5) Bromomethane	2.63	94	36665	19.877	ug/l	99
6) Chloroethane	2.79	64	36633	22.811	ug/l	97
7) Trichlorofluoromethane	3.12	101	78973	23.196	ug/l	95
8) Diethyl Ether	3.53	74	31591	26.266	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49409	23.930	ug/l	100
10) Methyl Iodide	4.10	142	49756	17.703	ug/l	99
11) Tert butyl alcohol	4.98	59	25070	112.527	ug/l	96
12) 1,1-Dichloroethene	3.87	96	47280	23.195	ug/l	90
13) Acrolein	3.74	56	20289	77.676	ug/l	99
14) Allyl chloride	4.49	41	80052	23.699	ug/l	97
15) Acrylonitrile	5.18	53	79637	118.297	ug/l	98
16) Acetone	3.96	43	76129	110.423	ug/l	94
17) Carbon Disulfide	4.20	76	136216	21.225	ug/l	98
18) Methyl Acetate	4.48	43	40472	23.627	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	137484	24.229	ug/l	94
20) Methylene Chloride	4.72	84	61099	23.412	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	54695	23.388	ug/l	94
22) Diisopropyl ether	6.13	45	175086	24.507	ug/l	97
23) Vinyl Acetate	6.08	43	546941	117.347	ug/l	99
24) 1,1-Dichloroethane	6.03	63	91478	23.458	ug/l	99
25) 2-Butanone	7.00	43	114242	117.631	ug/l	100
26) 2,2-Dichloropropane	6.99	77	84373	23.480	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	60591	23.944	ug/l	98
28) Bromochloromethane	7.35	49	34847	20.816	ug/l	96
29) Tetrahydrofuran	7.36	42	70171	119.221	ug/l	98
30) Chloroform	7.52	83	93499	23.808	ug/l	96
31) Cyclohexane	7.80	56	91108	22.369	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	81917	23.462	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74416	22.840	ug/l	98
37) Ethyl Acetate	7.09	43	43980	22.797	ug/l	99
38) Carbon Tetrachloride	7.91	117	72933	23.119	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	97225	22.800	ug/l	95
40) Benzene	8.17	78	220491	23.417	ug/l	98
41) Methacrylonitrile	7.32	41	19875m	21.643	ug/l	
42) 1,2-Dichloroethane	8.25	62	63704	23.685	ug/l	100
43) Isopropyl Acetate	8.28	43	84043	22.911	ug/l	99
44) Trichloroethene	8.95	130	59002	22.333	ug/l	97
45) 1,2-Dichloropropane	9.22	63	54385	23.537	ug/l	94
46) Dibromomethane	9.31	93	30985	23.988	ug/l	97
47) Bromodichloromethane	9.50	83	72103	23.686	ug/l	99
48) Methyl methacrylate	9.30	41	38526	23.964	ug/l	99
49) 1,4-Dioxane	9.30	88	8641	446.161	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	228601	120.825	ug/l	100
52) Toluene	10.25	92	141706	23.705	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	76882	23.566	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	88781	23.963	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	45784	24.378	ug/l	95
56) Ethyl methacrylate	10.51	69	63568	23.746	ug/l	98
57) 1,3-Dichloropropane	10.79	76	76622	23.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	149238	139.768	ug/l	100
59) 2-Hexanone	10.83	43	171960	129.486	ug/l	98
60) Dibromochloromethane	10.99	129	49271	23.669	ug/l	98
61) 1,2-Dibromoethane	11.09	107	42019	23.301	ug/l	98
64) Tetrachloroethene	10.72	164	59202	20.382	ug/l	99
65) Chlorobenzene	11.52	112	146197	22.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	50965	22.531	ug/l	96
67) Ethyl Benzene	11.59	91	272950	22.866	ug/l	98
68) m/p-Xylenes	11.70	106	204572	44.830	ug/l	100
69) o-Xylene	12.03	106	99622	22.885	ug/l	96
70) Styrene	12.04	104	165800	22.584	ug/l	99
71) Bromoform	12.20	173	30417	23.392	ug/l #	97
73) Isopropylbenzene	12.33	105	260499	21.766	ug/l	99
74) N-amyl acetate	12.14	43	76308	25.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55383	24.647	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	31410m	16.642	ug/l	
77) Bromobenzene	12.61	156	60984	22.899	ug/l	95
78) n-propylbenzene	12.67	91	317541	22.098	ug/l	100
79) 2-Chlorotoluene	12.75	91	178664	22.514	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	223166	22.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	18436	21.372	ug/l	97
82) 4-Chlorotoluene	12.85	91	186340	22.214	ug/l	98
83) tert-Butylbenzene	13.07	119	194015	22.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	220770	22.289	ug/l	99
85) sec-Butylbenzene	13.25	105	274845	22.356	ug/l	100
86) p-Isopropyltoluene	13.37	119	244272	22.790	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	120352	22.937	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	121457	23.158	ug/l	98
89) n-Butylbenzene	13.69	91	240805	22.735	ug/l	99
90) Hexachloroethane	13.95	117	44699	22.522	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	108291	22.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9295	21.810	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	77185	23.346	ug/l	99
94) Hexachlorobutadiene	15.11	225	40564	22.672	ug/l	99
95) Naphthalene	15.23	128	172475	23.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	70934	23.806	ug/l	99

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

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