

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001552.D
 Acq On : 07 Feb 2020 14:32
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Feb 08 02:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

2/10/2020 11:27:09 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	198389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	347340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	151323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	106143	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.74	113	97555	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.19	98	406513	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.49	95	147821	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38032	19.584	ug/l	99
3) Chloromethane	2.12	50	49549	24.412	ug/l	100
4) Vinyl Chloride	2.26	62	50942	24.172	ug/l	98
5) Bromomethane	2.65	94	35819	27.024	ug/l	92
6) Chloroethane	2.80	64	32727	25.762	ug/l	99
7) Trichlorofluoromethane	3.13	101	69041	19.791	ug/l	96
8) Diethyl Ether	3.54	74	26033	22.114	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43391	20.672	ug/l	98
10) Methyl Iodide	4.11	142	50389	18.841	ug/l	98
11) Tert butyl alcohol	4.97	59	25723	93.324	ug/l	98
12) 1,1-Dichloroethene	3.89	96	43040	20.635	ug/l	97
13) Acrolein	3.75	56	19203	101.528	ug/l	94
14) Allyl chloride	4.50	41	75830	23.765	ug/l	97
15) Acrylonitrile	5.19	53	69555	128.883	ug/l	98
16) Acetone	3.97	43	62510	108.187	ug/l	99
17) Carbon Disulfide	4.21	76	140568	21.170	ug/l	100
18) Methyl Acetate	4.49	43	34074	27.635	ug/l	94
19) Methyl tert-butyl Ether	5.24	73	121440	21.893	ug/l	97
20) Methylene Chloride	4.74	84	52047	20.187	ug/l	90
21) trans-1,2-Dichloroethene	5.24	96	50054	21.587	ug/l	96
22) Diisopropyl ether	6.14	45	155378	24.579	ug/l	97
23) Vinyl Acetate	6.08	43	514120	127.754	ug/l	96
24) 1,1-Dichloroethane	6.04	63	84438	22.206	ug/l	98
25) 2-Butanone	7.01	43	94624	126.233	ug/l	94
26) 2,2-Dichloropropane	7.00	77	74507	20.474	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	54994	21.714	ug/l	98
28) Bromochloromethane	7.36	49	29523	22.792	ug/l	93
29) Tetrahydrofuran	7.36	42	61836	137.631	ug/l	93
30) Chloroform	7.52	83	81818	21.243	ug/l	98
31) Cyclohexane	7.80	56	86897	22.341	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	71914	20.594	ug/l	96
36) 1,1-Dichloropropene	7.93	75	68137	21.444	ug/l	98
37) Ethyl Acetate	7.09	43	41578	27.030	ug/l	96
38) Carbon Tetrachloride	7.92	117	62171	20.223	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91192	21.796	ug/l	98
40) Benzene	8.18	78	200590	22.132	ug/l	98
41) Methacrylonitrile	7.34	41	24454m	34.302	ug/l	
42) 1,2-Dichloroethane	8.25	62	55936	22.153	ug/l	100
43) Isopropyl Acetate	8.28	43	79151	25.989	ug/l	94
44) Trichloroethene	8.95	130	51906	21.247	ug/l	100
45) 1,2-Dichloropropane	9.23	63	50730	23.180	ug/l	99
46) Dibromomethane	9.32	93	26815	21.820	ug/l	99
47) Bromodichloromethane	9.51	83	63534	21.218	ug/l	98
48) Methyl methacrylate	9.30	41	35522	25.698	ug/l	92
49) 1,4-Dioxane	9.31	88	7476	460.632	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	203893	135.941	ug/l	95
52) Toluene	10.25	92	127917	22.244	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	69589	21.337	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	80854	21.594	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	38966	22.100	ug/l	98
56) Ethyl methacrylate	10.52	69	57769	23.035	ug/l	92
57) 1,3-Dichloropropane	10.80	76	69145	22.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	99941	108.328	ug/l	96
59) 2-Hexanone	10.84	43	146127	133.996	ug/l	95
60) Dibromochloromethane	11.00	129	43376	20.870	ug/l	100
61) 1,2-Dibromoethane	11.10	107	37824	21.780	ug/l	97
64) Tetrachloroethene	10.73	164	42816	20.871	ug/l	95
65) Chlorobenzene	11.53	112	131504	21.410	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	45465	21.150	ug/l	98
67) Ethyl Benzene	11.60	91	243776	21.466	ug/l	99
68) m/p-Xylenes	11.71	106	184573	43.293	ug/l	96
69) o-Xylene	12.04	106	85926	21.376	ug/l	98
70) Styrene	12.05	104	151202	21.752	ug/l	98
71) Bromoform	12.22	173	25643	21.423	ug/l #	99
73) Isopropylbenzene	12.34	105	234461	20.315	ug/l	100
74) N-amyl acetate	12.15	43	74960	24.995	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.60	83	49923	22.768	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	33309m	20.468	ug/l	
77) Bromobenzene	12.62	156	51190	20.495	ug/l	95
78) n-propylbenzene	12.68	91	287148	20.783	ug/l	100
79) 2-Chlorotoluene	12.77	91	158816	20.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	196612	20.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	18155	21.587	ug/l	94
82) 4-Chlorotoluene	12.86	91	167837	20.326	ug/l	99
83) tert-Butylbenzene	13.08	119	162397	19.767	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	196738	20.451	ug/l	98
85) sec-Butylbenzene	13.27	105	240604	20.830	ug/l	100
86) p-Isopropyltoluene	13.38	119	213753	20.999	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	101964	21.302	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	101123	21.088	ug/l	100
89) n-Butylbenzene	13.71	91	215313	21.438	ug/l	100
90) Hexachloroethane	13.97	117	39341	20.136	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	92477	21.319	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8664	21.403	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.02	180	62654	21.434	ug/l	97
94) Hexachlorobutadiene	15.13	225	31271	21.078	ug/l	99
95) Naphthalene	15.25	128	146026	21.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	57337	22.221	ug/l	97

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

