

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002088.D
 Acq On : 26 Mar 2020 16:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 3/27/2020 4:14:02 PM

Quant Time: Mar 27 06:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	166367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	299006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	129469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	37457	20.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.72%	
35) Dibromofluoromethane	7.74	113	33405	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	
50) Toluene-d8	10.19	98	139441	20.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.24%	
62) 4-Bromofluorobenzene	12.49	95	48932	20.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	32117	22.048	ug/l	98
3) Chloromethane	2.12	50	43549	21.531	ug/l	98
4) Vinyl Chloride	2.26	62	42409	20.616	ug/l	97
5) Bromomethane	2.65	94	26371	19.137	ug/l	98
6) Chloroethane	2.80	64	27177	20.769	ug/l	97
7) Trichlorofluoromethane	3.14	101	56913	20.215	ug/l	98
8) Diethyl Ether	3.55	74	23884	21.345	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36513	20.069	ug/l	98
10) Methyl Iodide	4.11	142	42837	20.388	ug/l	99
11) Tert butyl alcohol	4.99	59	22464	103.927	ug/l	96
12) 1,1-Dichloroethene	3.88	96	36599	19.985	ug/l	93
13) Acrolein	3.75	56	26240	100.948	ug/l	98
14) Allyl chloride	4.50	41	66647	20.328	ug/l	99
15) Acrylonitrile	5.19	53	62264	104.060	ug/l	99
16) Acetone	3.97	43	52530	102.267	ug/l	99
17) Carbon Disulfide	4.21	76	122589	19.941	ug/l	100
18) Methyl Acetate	4.50	43	27739	21.027	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	102901	20.608	ug/l	97
20) Methylene Chloride	4.74	84	51363	23.245	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	41879	20.058	ug/l	98
22) Diisopropyl ether	6.14	45	138727	20.619	ug/l	98
23) Vinyl Acetate	6.08	43	459655	104.492	ug/l	98
24) 1,1-Dichloroethane	6.04	63	71969	19.819	ug/l	98
25) 2-Butanone	7.01	43	82021	104.955	ug/l	98
26) 2,2-Dichloropropane	7.00	77	58912	19.723	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	45956	20.213	ug/l	99
28) Bromochloromethane	7.35	49	31747	19.154	ug/l	99
29) Tetrahydrofuran	7.36	42	53356	102.575	ug/l	99
30) Chloroform	7.53	83	67795	19.882	ug/l	98
31) Cyclohexane	7.80	56	77373	19.929	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	56070	19.537	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57170	20.040	ug/l	99
37) Ethyl Acetate	7.10	43	35704	21.593	ug/l	100
38) Carbon Tetrachloride	7.91	117	48387	19.799	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74396	19.628	ug/l	98
40) Benzene	8.17	78	170068	20.081	ug/l	100
41) Methacrylonitrile	7.35	41	20838m	27.051	ug/l	
42) 1,2-Dichloroethane	8.25	62	45774	20.949	ug/l	100
43) Isopropyl Acetate	8.28	43	65761	20.926	ug/l	99
44) Trichloroethene	8.95	130	41045	19.877	ug/l	93
45) 1,2-Dichloropropane	9.23	63	43644	20.456	ug/l	96
46) Dibromomethane	9.31	93	22529	20.491	ug/l	99
47) Bromodichloromethane	9.50	83	51591	20.150	ug/l	97
48) Methyl methacrylate	9.30	41	30140	21.774	ug/l	97
49) 1,4-Dioxane	9.31	88	6072	404.665	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	172838	106.835	ug/l	100
52) Toluene	10.25	92	102988	20.030	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	57158	20.510	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	66491	20.041	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	33407	20.723	ug/l	98
56) Ethyl methacrylate	10.52	69	48902	20.853	ug/l	98
57) 1,3-Dichloropropane	10.80	76	59437	20.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	129414	129.433	ug/l	99
59) 2-Hexanone	10.84	43	121475	105.468	ug/l	100
60) Dibromochloromethane	10.99	129	34073	20.152	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30911	20.295	ug/l	97
64) Tetrachloroethene	10.72	164	34176	20.199	ug/l	97
65) Chlorobenzene	11.52	112	106329	19.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	35369	20.153	ug/l	99
67) Ethyl Benzene	11.60	91	198089	19.846	ug/l	99
68) m/p-Xylenes	11.70	106	146251	39.702	ug/l	100
69) o-Xylene	12.03	106	69486	19.994	ug/l	99
70) Styrene	12.05	104	119541	20.069	ug/l	98
71) Bromoform	12.21	173	19418	20.437	ug/l #	98
73) Isopropylbenzene	12.33	105	185792	18.855	ug/l	100
74) N-amyl acetate	12.15	43	60547	20.006	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	40420	19.077	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	27478m	17.706	ug/l	
77) Bromobenzene	12.61	156	40057	19.111	ug/l	99
78) n-propylbenzene	12.67	91	232973	19.142	ug/l	100
79) 2-Chlorotoluene	12.76	91	125879	18.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	154593	19.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14822	19.592	ug/l	96
82) 4-Chlorotoluene	12.86	91	135176	19.288	ug/l	99
83) tert-Butylbenzene	13.08	119	126804	18.717	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	155728	19.316	ug/l	98
85) sec-Butylbenzene	13.26	105	189536	19.029	ug/l	100
86) p-Isopropyltoluene	13.38	119	166796	19.403	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	80198	19.580	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	79357	19.113	ug/l	98
89) n-Butylbenzene	13.70	91	173061	19.396	ug/l	99
90) Hexachloroethane	13.97	117	30663	18.913	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	72187	19.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6776	20.456	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	46797	19.413	ug/l	100
94) Hexachlorobutadiene	15.12	225	23309	19.713	ug/l	99
95) Naphthalene	15.24	128	111275	19.458	ug/l	98
96) 1,2,3-Trichlorobenzene	15.43	180	42315	19.835	ug/l	99

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

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