

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002090.D
 Acq On : 26 Mar 2020 16:52
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:15:16 PM

Quant Time: Mar 27 06:52:04 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	160940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	297325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	186371	107.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.54%	
35) Dibromofluoromethane	7.74	113	178233	109.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.32%	
50) Toluene-d8	10.19	98	735981	106.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.60%	
62) 4-Bromofluorobenzene	12.49	95	253073	105.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	100020	70.979	ug/l	100
3) Chloromethane	2.12	50	169117	86.432	ug/l	99
4) Vinyl Chloride	2.26	62	182986	91.952	ug/l	99
5) Bromomethane	2.65	94	118765	89.093	ug/l	99
6) Chloroethane	2.80	64	122513	96.784	ug/l	100
7) Trichlorofluoromethane	3.14	101	257264	94.458	ug/l	97
8) Diethyl Ether	3.55	74	109592	101.244	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	171990	97.718	ug/l	98
10) Methyl Iodide	4.11	142	223848	110.133	ug/l	100
11) Tert butyl alcohol	4.98	59	87278	417.398	ug/l	98
12) 1,1-Dichloroethene	3.89	96	176603	99.689	ug/l	99
13) Acrolein	3.75	56	150145	597.101	ug/l	99
14) Allyl chloride	4.50	41	327944	103.400	ug/l	98
15) Acrylonitrile	5.19	53	286045	494.177	ug/l	99
16) Acetone	3.97	43	230026	462.924	ug/l	96
17) Carbon Disulfide	4.21	76	592019	99.551	ug/l	98
18) Methyl Acetate	4.50	43	124693	97.708	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	496539	102.797	ug/l	100
20) Methylene Chloride	4.74	84	206360	96.538	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	206172	102.077	ug/l	96
22) Diisopropyl ether	6.14	45	666688	102.430	ug/l	98
23) Vinyl Acetate	6.08	43	2168415	509.561	ug/l	98
24) 1,1-Dichloroethane	6.04	63	359438	102.323	ug/l	99
25) 2-Butanone	7.00	43	366215	484.416	ug/l	98
26) 2,2-Dichloropropane	7.00	77	292027	101.063	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	227524	103.447	ug/l	99
28) Bromochloromethane	7.35	49	168836	105.300	ug/l	99
29) Tetrahydrofuran	7.36	42	243073	483.059	ug/l	99
30) Chloroform	7.53	83	341973	103.670	ug/l	98
31) Cyclohexane	7.80	56	359967	95.844	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	288826	104.033	ug/l	99
36) 1,1-Dichloropropene	7.93	75	284924	100.438	ug/l	99
37) Ethyl Acetate	7.10	43	158504	96.402	ug/l	98
38) Carbon Tetrachloride	7.91	117	245342	100.959	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	376325	99.847	ug/l	99
40) Benzene	8.17	78	849911	100.924	ug/l	99
41) Methacrylonitrile	7.33	41	68755m	89.758	ug/l	
42) 1,2-Dichloroethane	8.25	62	218604	100.613	ug/l	99
43) Isopropyl Acetate	8.28	43	308954	98.867	ug/l	99
44) Trichloroethene	8.95	130	203044	98.885	ug/l	94
45) 1,2-Dichloropropane	9.22	63	217631	102.579	ug/l	100
46) Dibromomethane	9.31	93	111075	101.599	ug/l	100
47) Bromodichloromethane	9.50	83	268809	105.580	ug/l	99
48) Methyl methacrylate	9.30	41	139496	101.345	ug/l	98
49) 1,4-Dioxane	9.31	88	29448	1973.639	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	785409	488.222	ug/l	99
52) Toluene	10.25	92	525290	102.742	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	297973	107.524	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	346758	105.109	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	161468	100.730	ug/l	96
56) Ethyl methacrylate	10.52	69	245109	105.113	ug/l	96
57) 1,3-Dichloropropane	10.80	76	287134	100.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	607818	611.342	ug/l	100
59) 2-Hexanone	10.84	43	544943	475.809	ug/l	98
60) Dibromochloromethane	10.99	129	179642	106.849	ug/l	100
61) 1,2-Dibromoethane	11.10	107	153941	101.645	ug/l	99
64) Tetrachloroethene	10.72	164	165126	99.364	ug/l	95
65) Chlorobenzene	11.52	112	528220	100.655	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	177320	102.871	ug/l	99
67) Ethyl Benzene	11.60	91	989771	100.964	ug/l	100
68) m/p-Xylenes	11.70	106	731239	202.111	ug/l	100
69) o-Xylene	12.03	106	346332	101.465	ug/l	99
70) Styrene	12.05	104	607668	103.868	ug/l	99
71) Bromoform	12.21	173	100310	107.491	ug/l #	100
73) Isopropylbenzene	12.33	105	938503	103.119	ug/l	100
74) N-amyl acetate	12.15	43	277519	99.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	193723	98.993	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	131865m	91.999	ug/l	
77) Bromobenzene	12.61	156	198391	102.481	ug/l	99
78) n-propylbenzene	12.67	91	1159305	103.132	ug/l	99
79) 2-Chlorotoluene	12.76	91	639090	102.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	764381	101.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	73369	105.003	ug/l	97
82) 4-Chlorotoluene	12.86	91	667007	103.045	ug/l	100
83) tert-Butylbenzene	13.08	119	652903	104.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	758202	101.822	ug/l	99
85) sec-Butylbenzene	13.26	105	942257	102.425	ug/l	100
86) p-Isopropyltoluene	13.38	119	805454	101.448	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	374663	99.040	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	382603	99.772	ug/l	99
89) n-Butylbenzene	13.70	91	837357	101.609	ug/l	100
90) Hexachloroethane	13.97	117	158411	105.789	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	351672	101.939	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30071	98.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	229453	103.056	ug/l	97
94) Hexachlorobutadiene	15.12	225	109507	100.273	ug/l	100
95) Naphthalene	15.24	128	538171	101.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	201464	102.248	ug/l	98

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

