

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001369.D
 Acq On : 23 Jan 2020 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:43 PM

Quant Time: Jan 24 08:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	186888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	331594	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	298673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	99920	49.13	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.75	113	91316	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.20	98	369299	48.84	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.49	95	137849	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	71373	48.428	ug/l	97
3) Chloromethane	2.13	50	103633	46.524	ug/l	98
4) Vinyl Chloride	2.27	62	108551	46.737	ug/l	95
5) Bromomethane	2.67	94	74662	47.731	ug/l	98
6) Chloroethane	2.82	64	70638	47.596	ug/l	100
7) Trichlorofluoromethane	3.15	101	144433	48.603	ug/l	99
8) Diethyl Ether	3.56	74	60925	48.566	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	95522	50.474	ug/l	99
10) Methyl Iodide	4.13	142	120769	48.384	ug/l	100
11) Tert butyl alcohol	5.00	59	66091	259.225	ug/l	100
12) 1,1-Dichloroethene	3.91	96	96857	48.812	ug/l	99
13) Acrolein	3.77	56	39472	262.331	ug/l	98
14) Allyl chloride	4.52	41	169981	48.036	ug/l	99
15) Acrylonitrile	5.21	53	164044	255.466	ug/l	100
16) Acetone	3.99	43	149267	279.529	ug/l	100
17) Carbon Disulfide	4.23	76	292582	46.883	ug/l	100
18) Methyl Acetate	4.52	43	82042	47.840	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	288716	49.693	ug/l	99
20) Methylene Chloride	4.76	84	114493	45.184	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	110491	47.937	ug/l	96
22) Diisopropyl ether	6.17	45	371202	49.400	ug/l	95
23) Vinyl Acetate	6.11	43	1202090	246.419	ug/l	99
24) 1,1-Dichloroethane	6.07	63	195125	49.266	ug/l	97
25) 2-Butanone	7.04	43	228940	258.649	ug/l	97
26) 2,2-Dichloropropane	7.03	77	159219	45.130	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	127946	49.669	ug/l	100
28) Bromochloromethane	7.38	49	93327	57.138	ug/l	100
29) Tetrahydrofuran	7.39	42	145902	253.364	ug/l	99
30) Chloroform	7.55	83	191555	49.342	ug/l	100
31) Cyclohexane	7.82	56	180726	45.958	ug/l	100
32) 1,1,1-Trichloroethane	7.74	97	160951	49.102	ug/l	99
36) 1,1-Dichloropropene	7.96	75	149552	47.738	ug/l	100
37) Ethyl Acetate	7.12	43	95655	49.976	ug/l	99
38) Carbon Tetrachloride	7.94	117	136972	49.059	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	193136	48.125	ug/l	97
40) Benzene	8.20	78	461538	49.135	ug/l	99
41) Methacrylonitrile	7.36	41	43881m	44.427	ug/l	
42) 1,2-Dichloroethane	8.27	62	130930	49.885	ug/l	100
43) Isopropyl Acetate	8.30	43	190238	51.115	ug/l	99
44) Trichloroethene	8.97	130	116008	48.128	ug/l	96
45) 1,2-Dichloropropane	9.24	63	119007	50.117	ug/l	100
46) Dibromomethane	9.33	93	63533	49.838	ug/l	99
47) Bromodichloromethane	9.52	83	151544	49.729	ug/l	97
48) Methyl methacrylate	9.32	41	86235	50.968	ug/l	98
49) 1,4-Dioxane	9.32	88	18748	1042.884	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	492972	257.204	ug/l	99
52) Toluene	10.27	92	291020	48.875	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	167113	49.474	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	190917	49.244	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	93751	49.826	ug/l	98
56) Ethyl methacrylate	10.53	69	143485	50.454	ug/l	99
57) 1,3-Dichloropropane	10.81	76	165402	50.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	245212	249.181	ug/l	100
59) 2-Hexanone	10.85	43	353006	264.559	ug/l	100
60) Dibromochloromethane	11.00	129	106206	50.468	ug/l	98
61) 1,2-Dibromoethane	11.11	107	88863	49.958	ug/l	98
64) Tetrachloroethene	10.74	164	98357	51.555	ug/l	99
65) Chlorobenzene	11.53	112	303340	48.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	106172	49.417	ug/l	99
67) Ethyl Benzene	11.61	91	554951	47.832	ug/l	99
68) m/p-Xylenes	11.72	106	419205	96.742	ug/l	99
69) o-Xylene	12.04	106	200658	48.136	ug/l	98
70) Styrene	12.05	104	357708	48.908	ug/l	99
71) Bromoform	12.22	173	63810	49.754	ug/l #	99
73) Isopropylbenzene	12.34	105	536826	48.400	ug/l	100
74) N-amyl acetate	12.16	43	186152	51.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	119892	50.473	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	79091m	46.696	ug/l	
77) Bromobenzene	12.62	156	120927	49.225	ug/l	100
78) n-propylbenzene	12.68	91	652325	48.863	ug/l	100
79) 2-Chlorotoluene	12.77	91	370458	48.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	449530	48.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	43597	48.710	ug/l	99
82) 4-Chlorotoluene	12.86	91	393442	48.296	ug/l	99
83) tert-Butylbenzene	13.08	119	376521	48.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	449226	48.330	ug/l	100
85) sec-Butylbenzene	13.26	105	546134	49.255	ug/l	100
86) p-Isopropyltoluene	13.38	119	474501	48.562	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	229974	48.608	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	232713	48.443	ug/l	99
89) n-Butylbenzene	13.70	91	477069	48.514	ug/l	98
90) Hexachloroethane	13.97	117	90891	49.074	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	211537	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19612	47.847	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	134258	45.845	ug/l	99
94) Hexachlorobutadiene	15.12	225	65051	45.620	ug/l	97
95) Naphthalene	15.24	128	320421	47.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	120236	46.804	ug/l	100

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

