

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000463.D
 Acq On : 29 Oct 2019 10:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:59:43 AM

Quant Time: Oct 30 06:33:36 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	202721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	330636	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	308829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	117658	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.72	113	106495	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.18	98	423568	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	12.48	95	153624	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	62193	37.775	ug/l	97
3) Chloromethane	2.11	50	113741	45.915	ug/l	99
4) Vinyl Chloride	2.25	62	105933	42.373	ug/l	99
5) Bromomethane	2.65	94	67509	36.436	ug/l	94
6) Chloroethane	2.79	64	76265	47.279	ug/l	99
7) Trichlorofluoromethane	3.13	101	166445	48.672	ug/l	97
8) Diethyl Ether	3.53	74	62821	52.000	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	103329	49.823	ug/l	99
10) Methyl Iodide	4.09	142	113360	38.650	ug/l	99
11) Tert butyl alcohol	4.97	59	54438	243.261	ug/l	99
12) 1,1-Dichloroethene	3.87	96	100179	48.929	ug/l	95
13) Acrolein	3.74	56	48097	183.322	ug/l	100
14) Allyl chloride	4.48	41	172333	50.792	ug/l	99
15) Acrylonitrile	5.17	53	174987	258.782	ug/l	98
16) Acetone	3.95	43	196858	284.271	ug/l	99
17) Carbon Disulfide	4.19	76	264902	41.093	ug/l	98
18) Methyl Acetate	4.48	43	85547	49.719	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	304138	53.361	ug/l	98
20) Methylene Chloride	4.72	84	119482	51.355	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	113227	48.202	ug/l	91
22) Diisopropyl ether	6.13	45	396006	55.183	ug/l	99
23) Vinyl Acetate	6.07	43	1266149	270.449	ug/l	98
24) 1,1-Dichloroethane	6.02	63	200845	51.275	ug/l	98
25) 2-Butanone	7.00	43	286331	293.518	ug/l	97
26) 2,2-Dichloropropane	6.99	77	190481	52.774	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	133634	52.574	ug/l	99
28) Bromochloromethane	7.34	49	88206	52.456	ug/l	100
29) Tetrahydrofuran	7.36	42	155217	262.546	ug/l	99
30) Chloroform	7.52	83	212722	53.926	ug/l	96
31) Cyclohexane	7.79	56	186716	45.639	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	188492	53.747	ug/l	98
36) 1,1-Dichloropropene	7.92	75	159662	49.322	ug/l	99
37) Ethyl Acetate	7.08	43	100821	52.599	ug/l	97
38) Carbon Tetrachloride	7.91	117	166884	53.244	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	205438	48.489	ug/l	93
40) Benzene	8.17	78	481808	51.503	ug/l	98
41) Methacrylonitrile	7.32	41	40815m	44.734	ug/l	
42) 1,2-Dichloroethane	8.24	62	141639	53.004	ug/l	99
43) Isopropyl Acetate	8.28	43	202046	55.437	ug/l	99
44) Trichloroethene	8.94	130	130138	49.579	ug/l	94
45) 1,2-Dichloropropane	9.22	63	123815	53.932	ug/l	98
46) Dibromomethane	9.31	93	70044	54.579	ug/l	96
47) Bromodichloromethane	9.50	83	168887	55.840	ug/l	95
48) Methyl methacrylate	9.30	41	86344	54.058	ug/l	98
49) 1,4-Dioxane	9.30	88	19596	1018.376	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	546502	290.727	ug/l	100
52) Toluene	10.25	92	308987	52.023	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	181399	55.964	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	201155	54.647	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	100234	53.717	ug/l	98
56) Ethyl methacrylate	10.51	69	151315	56.892	ug/l	99
57) 1,3-Dichloropropane	10.79	76	181416	56.612	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	324350	305.743	ug/l	98
59) 2-Hexanone	10.83	43	429095	325.209	ug/l	99
60) Dibromochloromethane	10.99	129	119339	57.702	ug/l	97
61) 1,2-Dibromoethane	11.09	107	97742	54.555	ug/l	99
64) Tetrachloroethene	10.72	164	132843	45.183	ug/l	99
65) Chlorobenzene	11.52	112	333389	51.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	120278	52.534	ug/l	98
67) Ethyl Benzene	11.59	91	620640	51.368	ug/l	99
68) m/p-Xylenes	11.70	106	469709	101.694	ug/l	100
69) o-Xylene	12.03	106	227665	51.669	ug/l	98
70) Styrene	12.05	104	391474	52.681	ug/l	100
71) Bromoform	12.20	173	74628	56.701	ug/l #	99
73) Isopropylbenzene	12.33	105	610619	50.243	ug/l	98
74) N-amyl acetate	12.14	43	185693	62.238	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	127200	55.744	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	93209m	48.633	ug/l	
77) Bromobenzene	12.61	156	137289	50.765	ug/l	98
78) n-propylbenzene	12.67	91	740902	50.775	ug/l	100
79) 2-Chlorotoluene	12.75	91	411091	51.013	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	518538	50.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	46440	53.015	ug/l	98
82) 4-Chlorotoluene	12.85	91	431878	50.700	ug/l	99
83) tert-Butylbenzene	13.07	119	447426	51.845	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	521149	51.815	ug/l	99
85) sec-Butylbenzene	13.25	105	639169	51.197	ug/l	99
86) p-Isopropyltoluene	13.37	119	573928	52.731	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	277211	52.026	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	277205	52.049	ug/l	98
89) n-Butylbenzene	13.69	91	559390	52.009	ug/l	99
90) Hexachloroethane	13.96	117	108773	53.970	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	256729	53.240	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23102	53.382	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	172695	51.438	ug/l	98
94) Hexachlorobutadiene	15.11	225	87910	48.385	ug/l	99
95) Naphthalene	15.23	128	386068	51.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	153942	50.877	ug/l	97

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

