

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000747.D
 Acq On : 20 Nov 2019 12:02
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:53:12 AM

Quant Time: Nov 21 07:51:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	360975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	327382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114461	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
35) Dibromofluoromethane	7.72	113	102590	48.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.82%	
50) Toluene-d8	10.18	98	417033	51.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.48	95	147649	48.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	37940	17.493	ug/l	98
3) Chloromethane	2.11	50	54648	18.291	ug/l	98
4) Vinyl Chloride	2.25	62	53743	19.371	ug/l	98
5) Bromomethane	2.65	94	38338	23.043	ug/l	98
6) Chloroethane	2.79	64	36270	20.888	ug/l	99
7) Trichlorofluoromethane	3.13	101	78751	21.018	ug/l	95
8) Diethyl Ether	3.53	74	25977	19.512	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	47339	20.898	ug/l	97
10) Methyl Iodide	4.09	142	50925	19.186	ug/l	98
11) Tert butyl alcohol	4.96	59	20080	90.472	ug/l	94
12) 1,1-Dichloroethene	3.87	96	44183	20.076	ug/l	100
13) Acrolein	3.74	56	12965	67.062	ug/l	97
14) Allyl chloride	4.48	41	74724	20.881	ug/l	98
15) Acrylonitrile	5.17	53	70269	103.033	ug/l	98
16) Acetone	3.96	43	55031	87.572	ug/l	100
17) Carbon Disulfide	4.19	76	131023	18.876	ug/l	100
18) Methyl Acetate	4.47	43	35336	18.085	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	120295	19.659	ug/l	98
20) Methylene Chloride	4.71	84	53309	19.798	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	50932	20.471	ug/l	95
22) Diisopropyl ether	6.12	45	166396	21.393	ug/l	97
23) Vinyl Acetate	6.07	43	521700	106.252	ug/l	100
24) 1,1-Dichloroethane	6.02	63	87486	20.762	ug/l	97
25) 2-Butanone	6.99	43	93518	93.248	ug/l	97
26) 2,2-Dichloropropane	6.99	77	78696	20.436	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	56871	20.904	ug/l	98
28) Bromochloromethane	7.34	49	21850	14.532	ug/l	94
29) Tetrahydrofuran	7.35	42	62255	101.469	ug/l	98
30) Chloroform	7.51	83	92357	21.666	ug/l	98
31) Cyclohexane	7.79	56	88128	19.968	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	77632	20.435	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71502	20.953	ug/l	99
37) Ethyl Acetate	7.08	43	43930	21.683	ug/l	99
38) Carbon Tetrachloride	7.90	117	69807	21.259	ug/l	93

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39) Methylcyclohexane	9.19	83	91204	20.687	ug/l	97
40) Benzene	8.17	78	209915	20.982	ug/l	97
41) Methacrylonitrile	7.34	41	30185m	26.707	ug/l	
42) 1,2-Dichloroethane	8.24	62	59597	21.003	ug/l	100
43) Isopropyl Acetate	8.28	43	78772	20.698	ug/l	99
44) Trichloroethene	8.95	130	54817	20.781	ug/l	87
45) 1,2-Dichloropropane	9.22	63	52995	21.522	ug/l	96
46) Dibromomethane	9.31	93	29675	21.914	ug/l	93
47) Bromodichloromethane	9.50	83	67141	20.895	ug/l	97
48) Methyl methacrylate	9.30	41	35482	21.338	ug/l	95
49) 1,4-Dioxane	9.31	88	7371	404.438	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	211116	104.333	ug/l	99
52) Toluene	10.24	92	132256	20.909	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	72258	21.046	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	79989	20.337	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	40495	20.675	ug/l	96
56) Ethyl methacrylate	10.51	69	58122	20.937	ug/l	98
57) 1,3-Dichloropropane	10.79	76	72668	21.198	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	134304	107.012	ug/l	98
59) 2-Hexanone	10.83	43	148529	100.746	ug/l	98
60) Dibromochloromethane	10.99	129	44478	19.825	ug/l	100
61) 1,2-Dibromoethane	11.09	107	39966	21.222	ug/l	99
64) Tetrachloroethene	10.72	164	57799	21.351	ug/l	98
65) Chlorobenzene	11.52	112	142034	21.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	48309	20.985	ug/l	99
67) Ethyl Benzene	11.59	91	258720	21.179	ug/l	99
68) m/p-Xylenes	11.70	106	193026	40.825	ug/l	95
69) o-Xylene	12.03	106	90284	20.318	ug/l	99
70) Styrene	12.04	104	157377	20.683	ug/l	98
71) Bromoform	12.21	173	26783	20.228	ug/l #	96
73) Isopropylbenzene	12.33	105	249559	21.232	ug/l	98
74) N-amyl acetate	12.14	43	70482	20.938	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	48519	20.848	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	36349m	20.073	ug/l	
77) Bromobenzene	12.61	156	57888	21.718	ug/l	95
78) n-propylbenzene	12.67	91	304929	21.501	ug/l	99
79) 2-Chlorotoluene	12.75	91	165017	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	209064	21.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16901	20.927	ug/l	97
82) 4-Chlorotoluene	12.85	91	173746	21.289	ug/l	99
83) tert-Butylbenzene	13.07	119	177988	21.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	212519	21.804	ug/l	100
85) sec-Butylbenzene	13.25	105	259719	21.810	ug/l	98
86) p-Isopropyltoluene	13.37	119	226991	21.387	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	111018	21.265	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	111930	21.455	ug/l	100
89) n-Butylbenzene	13.69	91	230365	22.007	ug/l	98
90) Hexachloroethane	13.95	117	41355	21.077	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	104007	21.957	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8388	20.365	ug/l	92

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93) 1,2,4-Trichlorobenzene	15.00	180	67434	20.908	ug/l	99
94) Hexachlorobutadiene	15.11	225	36408	21.899	ug/l	96
95) Naphthalene	15.23	128	150717	21.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	61089	21.112	ug/l	98

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

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