

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002895.D
 Acq On : 15 Jun 2020 11:36
 Operator : SY/MD
 Sample : VY0615SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:22:42 PM

Quant Time: Jun 16 02:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	274158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	113000	47.47	ug/l	0.00
Spiked Amount						
			Recovery	=	94.94%	
35) Dibromofluoromethane	7.72	113	116693	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
50) Toluene-d8	10.18	98	448843	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.48	95	159475	49.19	ug/l	0.00
Spiked Amount						
			Recovery	=	98.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	35529	18.834	ug/l	96
3) Chloromethane	2.12	50	39014	18.698	ug/l	99
4) Vinyl Chloride	2.26	62	43675	19.803	ug/l	94
5) Bromomethane	2.65	94	34308	20.758	ug/l	96
6) Chloroethane	2.80	64	29154	20.392	ug/l	97
7) Trichlorofluoromethane	3.13	101	83501	21.377	ug/l	97
8) Diethyl Ether	3.54	74	29525	19.358	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	49236	21.230	ug/l	97
10) Methyl Iodide	4.10	142	65835	20.287	ug/l	99
11) Tert butyl alcohol	4.97	59	28487	103.879	ug/l	99
12) 1,1-Dichloroethene	3.88	96	49068	21.038	ug/l	98
13) Acrolein	3.74	56	19907	71.361	ug/l	98
14) Allyl chloride	4.49	41	69945	20.910	ug/l	99
15) Acrylonitrile	5.18	53	73140	106.298	ug/l	99
16) Acetone	3.96	43	58975	105.655	ug/l	93
17) Carbon Disulfide	4.20	76	133439	18.933	ug/l	99
18) Methyl Acetate	4.49	43	34484	24.120	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	137326	21.328	ug/l	97
20) Methylene Chloride	4.72	84	58958	21.614	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	54067	20.613	ug/l	98
22) Diisopropyl ether	6.13	45	146110	21.019	ug/l	91
23) Vinyl Acetate	6.07	43	473623	103.200	ug/l	99
24) 1,1-Dichloroethane	6.03	63	86822	21.352	ug/l	99
25) 2-Butanone	7.00	43	89960	103.443	ug/l	99
26) 2,2-Dichloropropane	6.99	77	80802	20.719	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	62276	21.209	ug/l	99
28) Bromochloromethane	7.34	49	37073	22.209	ug/l	97
29) Tetrahydrofuran	7.36	42	58242	102.960	ug/l	98
30) Chloroform	7.52	83	92831	21.514	ug/l	97
31) Cyclohexane	7.79	56	78530	19.451	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	85841	21.349	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70000	20.758	ug/l	99
37) Ethyl Acetate	7.08	43	38625	21.052	ug/l	99
38) Carbon Tetrachloride	7.91	117	81178	21.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90409	20.340	ug/l	96
40) Benzene	8.16	78	210441	21.119	ug/l	98
41) Methacrylonitrile	7.32	41	15409m	15.633	ug/l	
42) 1,2-Dichloroethane	8.24	62	59713	21.383	ug/l	100
43) Isopropyl Acetate	8.28	43	73127	21.032	ug/l	99
44) Trichloroethene	8.94	130	66425	21.104	ug/l	99
45) 1,2-Dichloropropane	9.22	63	50442	21.109	ug/l	99
46) Dibromomethane	9.31	93	30104	21.213	ug/l	98
47) Bromodichloromethane	9.50	83	73128	21.858	ug/l	99
48) Methyl methacrylate	9.30	41	33351	21.248	ug/l	98
49) 1,4-Dioxane	9.30	88	9003	413.165	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	195328	106.093	ug/l	100
52) Toluene	10.24	92	138633	21.268	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	79131	21.655	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	89166	21.535	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	46484	21.395	ug/l	97
56) Ethyl methacrylate	10.51	69	61740	21.216	ug/l	99
57) 1,3-Dichloropropane	10.79	76	75596	21.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154733	108.819	ug/l	99
59) 2-Hexanone	10.83	43	140439	107.508	ug/l	100
60) Dibromochloromethane	10.99	129	60197	21.854	ug/l	100
61) 1,2-Dibromoethane	11.09	107	45976	21.452	ug/l	98
64) Tetrachloroethene	10.72	164	70135	20.722	ug/l	99
65) Chlorobenzene	11.52	112	157349	21.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	61342	22.129	ug/l	99
67) Ethyl Benzene	11.59	91	272715	21.372	ug/l	99
68) m/p-Xylenes	11.70	106	214093	43.275	ug/l	99
69) o-Xylene	12.03	106	99628	21.332	ug/l	99
70) Styrene	12.04	104	175329	21.655	ug/l	99
71) Bromoform	12.21	173	41330	22.282	ug/l #	100
73) Isopropylbenzene	12.33	105	273952	20.588	ug/l	99
74) N-amyl acetate	12.14	43	69302	20.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50675	21.706	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39297m	21.004	ug/l	
77) Bromobenzene	12.61	156	72996	21.068	ug/l	97
78) n-propylbenzene	12.67	91	322165	20.960	ug/l	100
79) 2-Chlorotoluene	12.75	91	178959	20.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232971	20.969	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20354	20.496	ug/l	99
82) 4-Chlorotoluene	12.85	91	191790	21.231	ug/l	99
83) tert-Butylbenzene	13.07	119	208092	20.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	235459	21.077	ug/l	99
85) sec-Butylbenzene	13.25	105	285341	21.058	ug/l	100
86) p-Isopropyltoluene	13.37	119	270094	21.421	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	138446	21.095	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	140657	21.425	ug/l	99
89) n-Butylbenzene	13.70	91	242155	21.154	ug/l	100
90) Hexachloroethane	13.96	117	50587	21.431	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	126238	21.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9443	21.023	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.01	180	97214	21.669	ug/l	99
94) Hexachlorobutadiene	15.11	225	56256	22.109	ug/l	99
95) Naphthalene	15.23	128	189101	21.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86708	21.643	ug/l	98

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

