

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006206.D
 Acq On : 29 Sep 2021 12:37
 Operator : SY/MD
 Sample : VY0929SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:19:19 PM

Quant Time: Sep 30 06:59:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	183430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	260281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96196	48.999	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.000%		
35) Dibromofluoromethane	7.728	113	71919	47.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.800%		
50) Toluene-d8	10.185	98	303623	48.316	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.640%		
62) 4-Bromofluorobenzene	12.483	95	104424	48.915	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37496	20.153	ug/l	99
3) Chloromethane	2.119	50	42422	19.575	ug/l	98
4) Vinyl Chloride	2.260	62	49796	20.733	ug/l	97
5) Bromomethane	2.650	94	35897	22.997	ug/l	99
6) Chloroethane	2.796	64	29711	21.024	ug/l	92
7) Trichlorofluoromethane	3.131	101	65842	20.812	ug/l	97
8) Diethyl Ether	3.534	74	22556	21.586	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	35249	20.872	ug/l	97
10) Methyl Iodide	4.101	142	30497	16.570	ug/l	94
11) Tert butyl alcohol	4.966	59	18367	106.950	ug/l	96
12) 1,1-Dichloroethene	3.881	96	35411	20.612	ug/l	99
13) Acrolein	3.735	56	7737	77.347	ug/l	97
14) Allyl chloride	4.491	41	69393	21.004	ug/l	95
15) Acrylonitrile	5.174	53	59442	108.156	ug/l	100
16) Acetone	3.954	43	56354	102.773	ug/l	95
17) Carbon Disulfide	4.204	76	120165	20.914	ug/l	100
18) Methyl Acetate	4.485	43	40861	22.099	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	105600	21.048	ug/l	98
20) Methylene Chloride	4.729	84	41120	19.468	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	39575	20.778	ug/l	89
22) Diisopropyl ether	6.131	45	137402	21.022	ug/l	95
23) Vinyl Acetate	6.070	43	409432	104.507	ug/l	99
24) 1,1-Dichloroethane	6.027	63	71157	20.279	ug/l	98
25) 2-Butanone	6.996	43	80850	105.850	ug/l	94
26) 2,2-Dichloropropane	6.990	77	66326	20.670	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	43627	20.452	ug/l	97
28) Bromochloromethane	7.344	49	31468	21.538	ug/l	96
29) Tetrahydrofuran	7.356	42	52173	108.138	ug/l	96
30) Chloroform	7.515	83	71825	20.520	ug/l	98
31) Cyclohexane	7.789	56	74342	19.987	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	66840	20.681	ug/l	99
36) 1,1-Dichloropropene	7.923	75	56755	20.297	ug/l	99
37) Ethyl Acetate	7.082	43	35608	21.859	ug/l	98
38) Carbon Tetrachloride	7.905	117	60770	20.581	ug/l	97
39) Methylcyclohexane	9.185	83	70799	20.157	ug/l	99
40) Benzene	8.167	78	162274	20.455	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	21346m	20.201	ug/l	
42) 1,2-Dichloroethane	8.246	62	54160	21.189	ug/l	97
43) Isopropyl Acetate	8.277	43	67338	21.553	ug/l	97
44) Trichloroethene	8.947	130	42562	20.773	ug/l	98
45) 1,2-Dichloropropane	9.222	63	40880	20.932	ug/l	97
46) Dibromomethane	9.313	93	22182	21.330	ug/l	99
47) Bromodichloromethane	9.502	83	55449	20.708	ug/l	99
48) Methyl methacrylate	9.295	41	31071	20.730	ug/l	95
49) 1,4-Dioxane	9.301	88	5203	383.475	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	174822	107.765	ug/l	97
52) Toluene	10.246	92	101400	20.607	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	60382	20.682	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	65807	20.504	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	30789	21.041	ug/l	98
56) Ethyl methacrylate	10.514	69	46517	20.915	ug/l	95
57) 1,3-Dichloropropane	10.795	76	55460	20.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	112515	103.246	ug/l	99
59) 2-Hexanone	10.837	43	125587	108.695	ug/l	97
60) Dibromochloromethane	10.984	129	36719	20.654	ug/l	97
61) 1,2-Dibromoethane	11.093	107	29224	21.093	ug/l	100
64) Tetrachloroethene	10.721	164	47007	22.425	ug/l	97
65) Chlorobenzene	11.520	112	105150	20.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38931	20.485	ug/l	99
67) Ethyl Benzene	11.593	91	194967	20.056	ug/l	100
68) m/p-Xylenes	11.703	106	150316	40.748	ug/l	97
69) o-Xylene	12.032	106	70243	20.162	ug/l	99
70) Styrene	12.044	104	120713	20.403	ug/l	98
71) Bromoform	12.209	173	24576	20.794	ug/l #	99
73) Isopropylbenzene	12.331	105	188677	19.802	ug/l	100
74) N-amyl acetate	12.148	43	61225	20.702	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	33113	19.242	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	26237m	20.293	ug/l	
77) Bromobenzene	12.611	156	44632	19.978	ug/l	97
78) n-propylbenzene	12.672	91	230198	19.627	ug/l	99
79) 2-Chlorotoluene	12.758	91	128728	19.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	157561	19.776	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13383	20.342	ug/l	94
82) 4-Chlorotoluene	12.855	91	133836	19.938	ug/l	99
83) tert-Butylbenzene	13.075	119	139341	20.456	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	158052	20.090	ug/l	99
85) sec-Butylbenzene	13.258	105	204353	19.852	ug/l	100
86) p-Isopropyltoluene	13.373	119	172264	19.831	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	87853	19.848	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	88442	20.265	ug/l	99
89) n-Butylbenzene	13.697	91	163977	19.867	ug/l	100
90) Hexachloroethane	13.965	117	30829	19.543	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	79169	20.455	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6549	19.976	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	51476	20.127	ug/l	99
94) Hexachlorobutadiene	15.117	225	32535	19.499	ug/l	97
95) Naphthalene	15.239	128	101175	19.911	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	45369	20.014	ug/l	99

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

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