

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005270.D
 Acq On : 29 Jun 2021 13:11
 Operator : SY/MD
 Sample : VY0629SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2021 7:40:07 PM

Quant Time: Jun 30 03:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	274131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	392166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	368172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128952	56.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.360%
35) Dibromofluoromethane	7.728	113	120429	52.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.140%
50) Toluene-d8	10.185	98	486453	52.594	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.483	95	163160	52.938	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37876	21.012	ug/l	98
3) Chloromethane	2.119	50	55015	22.916	ug/l	96
4) Vinyl Chloride	2.253	62	62174	22.651	ug/l	99
5) Bromomethane	2.644	94	41821	24.022	ug/l	95
6) Chloroethane	2.796	64	38057	21.203	ug/l	94
7) Trichlorofluoromethane	3.125	101	78764	21.465	ug/l	99
8) Diethyl Ether	3.534	74	29931	21.804	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	47709	21.237	ug/l	99
10) Methyl Iodide	4.101	142	58112	18.184	ug/l	99
11) Tert butyl alcohol	4.948	59	55593	181.479	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	47279	20.831	ug/l	96
13) Acrolein	3.741	56	16549	148.049	ug/l	94
14) Allyl chloride	4.485	41	74886	22.969	ug/l	97
15) Acrylonitrile	5.174	53	75033	117.668	ug/l	99
16) Acetone	3.960	43	63991	121.765	ug/l	95
17) Carbon Disulfide	4.198	76	152064	21.302	ug/l	99
18) Methyl Acetate	4.491	43	34927	25.008	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	134460	21.668	ug/l	99
20) Methylene Chloride	4.729	84	72296	20.918	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	53582	21.202	ug/l	95
22) Diisopropyl ether	6.131	45	160015	23.610	ug/l	97
23) Vinyl Acetate	6.070	43	520408	118.656	ug/l	97
24) 1,1-Dichloroethane	6.027	63	93727	22.283	ug/l	99
25) 2-Butanone	6.996	43	91319	119.168	ug/l	95
26) 2,2-Dichloropropane	6.990	77	80337	21.902	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	59919	21.081	ug/l	95
28) Bromochloromethane	7.344	49	38488	22.870	ug/l	89
29) Tetrahydrofuran	7.356	42	61936	122.846	ug/l	94
30) Chloroform	7.515	83	94202	22.008	ug/l	96
31) Cyclohexane	7.789	56	87445	21.531	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	83025	21.748	ug/l	98
36) 1,1-Dichloropropene	7.923	75	73536	21.295	ug/l	99
37) Ethyl Acetate	7.088	43	42359	23.787	ug/l	96
38) Carbon Tetrachloride	7.905	117	75175	20.796	ug/l	99
39) Methylcyclohexane	9.185	83	90563	20.264	ug/l	97
40) Benzene	8.167	78	218256	21.434	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21579m	21.849	ug/l	
42) 1,2-Dichloroethane	8.246	62	62137	22.466	ug/l	99
43) Isopropyl Acetate	8.283	43	77703	23.739	ug/l	97
44) Trichloroethene	8.947	130	60049	20.858	ug/l	99
45) 1,2-Dichloropropane	9.222	63	54812	22.496	ug/l	99
46) Dibromomethane	9.313	93	30519	21.538	ug/l	99
47) Bromodichloromethane	9.502	83	72606	21.852	ug/l	99
48) Methyl methacrylate	9.295	41	34167	23.793	ug/l	93
49) 1,4-Dioxane	9.307	88	8373	449.336	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	207887	121.342	ug/l	97
52) Toluene	10.246	92	135044	20.749	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	79226	21.783	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	89295	21.777	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	44396	21.454	ug/l	98
56) Ethyl methacrylate	10.514	69	60747	21.625	ug/l	93
57) 1,3-Dichloropropane	10.795	76	76132	21.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	152298	122.924	ug/l	96
59) 2-Hexanone	10.837	43	142495	120.929	ug/l	96
60) Dibromochloromethane	10.990	129	54894	21.655	ug/l	98
61) 1,2-Dibromoethane	11.093	107	43386	21.554	ug/l	99
64) Tetrachloroethene	10.721	164	55219	20.325	ug/l	99
65) Chlorobenzene	11.520	112	149551	20.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	56065	20.700	ug/l	99
67) Ethyl Benzene	11.593	91	258327	20.530	ug/l	100
68) m/p-Xylenes	11.703	106	206682	40.997	ug/l	100
69) o-Xylene	12.032	106	96393	20.192	ug/l	97
70) Styrene	12.044	104	165152	20.575	ug/l	100
71) Bromoform	12.209	173	38468	20.873	ug/l #	99
73) Isopropylbenzene	12.331	105	252725	20.262	ug/l	99
74) N-amyl acetate	12.148	43	66612	22.566	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	53851	21.911	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	36743m	21.543	ug/l	
77) Bromobenzene	12.611	156	67555	20.411	ug/l	96
78) n-propylbenzene	12.672	91	308038	20.944	ug/l	98
79) 2-Chlorotoluene	12.758	91	171194	20.634	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	212520	20.596	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19660	21.507	ug/l	97
82) 4-Chlorotoluene	12.855	91	179320	20.891	ug/l	99
83) tert-Butylbenzene	13.075	119	185706	20.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	210957	20.680	ug/l	100
85) sec-Butylbenzene	13.258	105	274887	20.540	ug/l	100
86) p-Isopropyltoluene	13.373	119	235091	20.359	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	130008	20.575	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	129561	20.734	ug/l	99
89) n-Butylbenzene	13.697	91	208442	20.549	ug/l	99
90) Hexachloroethane	13.965	117	43833	21.014	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	117007	20.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8782	21.452	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	75579	19.143	ug/l	99
94) Hexachlorobutadiene	15.117	225	47979	19.418	ug/l	99
95) Naphthalene	15.239	128	142505	19.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68198	19.613	ug/l	100

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

