

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007389.D
 Acq On : 04 Feb 2022 12:53
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Quant Time: Feb 06 23:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81774	50.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.716	113	75697	50.975	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.960%			
50) Toluene-d8	10.179	98	285379	52.017	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.040%			
62) 4-Bromofluorobenzene	12.477	95	94657	50.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35324	21.417	ug/l	95
3) Chloromethane	2.113	50	37220	18.467	ug/l	97
4) Vinyl Chloride	2.247	62	37833	19.452	ug/l	98
5) Bromomethane	2.644	94	24946	21.175	ug/l	94
6) Chloroethane	2.790	64	23882	19.993	ug/l	92
7) Trichlorofluoromethane	3.125	101	65414	20.754	ug/l	92
8) Diethyl Ether	3.528	74	19430	20.768	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	36390	20.500	ug/l	93
10) Methyl Iodide	4.088	142	38898	20.327	ug/l	95
11) Tert butyl alcohol	4.954	59	19976	73.260	ug/l	98
12) 1,1-Dichloroethene	3.869	96	33248	20.277	ug/l	90
13) Acrolein	3.729	56	19730	90.637	ug/l	98
14) Allyl chloride	4.473	41	51519	20.457	ug/l #	93
15) Acrylonitrile	5.161	53	45614	103.774	ug/l	99
16) Acetone	3.948	43	47292	89.862	ug/l	99
17) Carbon Disulfide	4.192	76	102520	19.916	ug/l	98
18) Methyl Acetate	4.473	43	21533	21.845	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	94248	20.402	ug/l	92
20) Methylene Chloride	4.710	84	36192	19.834	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	36980	20.386	ug/l	86
22) Diisopropyl ether	6.119	45	105464	19.986	ug/l #	91
23) Vinyl Acetate	6.058	43	345375	100.355	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	64086	20.108	ug/l	98
25) 2-Butanone	6.984	43	62001	97.510	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	59898	19.641	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	39573	19.751	ug/l	90
28) Bromochloromethane	7.332	49	22925	18.396	ug/l	85
29) Tetrahydrofuran	7.344	42	37792	102.857	ug/l #	86
30) Chloroform	7.502	83	65621	19.793	ug/l	97
31) Cyclohexane	7.783	56	62777	19.854	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	62390	20.248	ug/l	96
36) 1,1-Dichloropropene	7.917	75	52703	20.301	ug/l	99
37) Ethyl Acetate	7.070	43	26854	20.806	ug/l #	94
38) Carbon Tetrachloride	7.899	117	56092	20.566	ug/l	97
39) Methylcyclohexane	9.179	83	66283	20.330	ug/l	91
40) Benzene	8.161	78	137890	20.038	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14531	22.656	ug/l #	33
42) 1,2-Dichloroethane	8.234	62	41793	19.979	ug/l	93
43) Isopropyl Acetate	8.271	43	50066	20.742	ug/l #	93
44) Trichloroethene	8.941	130	38521	20.703	ug/l	96
45) 1,2-Dichloropropane	9.216	63	32921	19.402	ug/l	97
46) Dibromomethane	9.301	93	20827	20.630	ug/l	90
47) Bromodichloromethane	9.496	83	49804	20.401	ug/l	95
48) Methyl methacrylate	9.289	41	22271	20.403	ug/l #	88
49) 1,4-Dioxane	9.301	88	4708	425.746	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	127440	104.104	ug/l	91
52) Toluene	10.240	92	87488	20.178	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	51216	20.082	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	58256	20.394	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	27473	20.721	ug/l	98
56) Ethyl methacrylate	10.508	69	38057	20.666	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	48911	20.806	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	90172	94.131	ug/l	97
59) 2-Hexanone	10.831	43	90109	100.967	ug/l	90
60) Dibromochloromethane	10.984	129	34058	20.633	ug/l	100
61) 1,2-Dibromoethane	11.087	107	27069	20.636	ug/l	98
64) Tetrachloroethene	10.715	164	32888	20.500	ug/l	94
65) Chlorobenzene	11.514	112	91034	20.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	33430	19.692	ug/l	98
67) Ethyl Benzene	11.593	91	172986	20.046	ug/l	99
68) m/p-Xylenes	11.703	106	130070	40.696	ug/l	99
69) o-Xylene	12.026	106	60972	20.177	ug/l	99
70) Styrene	12.044	104	99430	19.960	ug/l	98
71) Bromoform	12.203	173	18328	19.568	ug/l #	98
73) Isopropylbenzene	12.331	105	167810	20.337	ug/l	97
74) N-amyl acetate	12.142	43	42398	20.758	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	30923	20.521	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	21788m	20.299	ug/l	
77) Bromobenzene	12.605	156	35561	20.459	ug/l	99
78) n-propylbenzene	12.666	91	204617	20.473	ug/l	99
79) 2-Chlorotoluene	12.752	91	113881	20.580	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	138082	20.513	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10848	20.248	ug/l	86
82) 4-Chlorotoluene	12.855	91	114468	20.140	ug/l	99
83) tert-Butylbenzene	13.075	119	119651	20.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	133790	20.186	ug/l	100
85) sec-Butylbenzene	13.251	105	180609	20.548	ug/l	98
86) p-Isopropyltoluene	13.367	119	147667	20.623	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	69478	20.616	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	67801	20.183	ug/l	98
89) n-Butylbenzene	13.697	91	142786	20.719	ug/l	99
90) Hexachloroethane	13.959	117	27950	20.655	ug/l	77
91) 1,2-Dichlorobenzene	13.739	146	61352	20.683	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5225	21.337	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	36407	20.725	ug/l	96
94) Hexachlorobutadiene	15.111	225	19687	20.244	ug/l	97
95) Naphthalene	15.233	128	77193	21.145	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30887	20.830	ug/l	98

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

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