

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006894.D
 Acq On : 26 Nov 2021 12:53
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Quant Time: Nov 29 03:01:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	100121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	144488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	69336	52.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.680%			
35) Dibromofluoromethane	7.728	113	49022	51.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.160%			
50) Toluene-d8	10.185	98	204955	51.604	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.483	95	71683	53.537	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19102	19.867	ug/l	93
3) Chloromethane	2.119	50	30018	20.753	ug/l	99
4) Vinyl Chloride	2.259	62	30446	20.732	ug/l	99
5) Bromomethane	2.655	94	17800	22.747	ug/l	93
6) Chloroethane	2.802	64	16677	18.562	ug/l	98
7) Trichlorofluoromethane	3.137	101	37990	20.642	ug/l	92
8) Diethyl Ether	3.539	74	12722	20.755	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.911	101	20538	21.012	ug/l	97
10) Methyl Iodide	4.106	142	22492	18.408	ug/l	98
11) Tert butyl alcohol	4.954	59	21932	111.138	ug/l #	89
12) 1,1-Dichloroethene	3.887	96	20159	20.795	ug/l	96
13) Acrolein	3.741	56	8196	296.892	ug/l	97
14) Allyl chloride	4.490	41	43220	19.793	ug/l	100
15) Acrylonitrile	5.179	53	37174	105.147	ug/l	99
16) Acetone	3.954	43	38235	95.903	ug/l	97
17) Carbon Disulfide	4.210	76	63091	18.437	ug/l	100
18) Methyl Acetate	4.484	43	28242	21.883	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	65600	21.468	ug/l	100
20) Methylene Chloride	4.734	84	27049	20.734	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	22589	20.397	ug/l	93
22) Diisopropyl ether	6.130	45	87432	20.293	ug/l	96
23) Vinyl Acetate	6.069	43	259281	99.661	ug/l	99
24) 1,1-Dichloroethane	6.033	63	45639	20.754	ug/l	99
25) 2-Butanone	6.996	43	53056	98.812	ug/l	95
26) 2,2-Dichloropropane	6.990	77	44571	22.430	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	25460	20.355	ug/l	91
28) Bromochloromethane	7.344	49	20861	20.167	ug/l	93
29) Tetrahydrofuran	7.356	42	34236	103.477	ug/l	94
30) Chloroform	7.514	83	45151	21.357	ug/l	97
31) Cyclohexane	7.795	56	43557	18.886	ug/l	97
32) 1,1,1-Trichloroethane	7.715	97	41903	21.507	ug/l	98
36) 1,1-Dichloropropene	7.929	75	33548	19.753	ug/l	99
37) Ethyl Acetate	7.081	43	23340	20.554	ug/l	100
38) Carbon Tetrachloride	7.911	117	37216	21.423	ug/l	100
39) Methylcyclohexane	9.191	83	40241	19.427	ug/l	99
40) Benzene	8.167	78	100852	21.093	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10949m	11.483	ug/l	
42) 1,2-Dichloroethane	8.246	62	35610	22.355	ug/l	99
43) Isopropyl Acetate	8.282	43	43426	20.387	ug/l	100
44) Trichloroethene	8.947	130	24649	21.192	ug/l	97
45) 1,2-Dichloropropane	9.221	63	24894	20.180	ug/l	100
46) Dibromomethane	9.313	93	13314	20.722	ug/l	98
47) Bromodichloromethane	9.502	83	34602	21.207	ug/l	96
48) Methyl methacrylate	9.294	41	20291	20.105	ug/l	96
49) 1,4-Dioxane	9.301	88	3315	449.649	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	116344	103.691	ug/l	99
52) Toluene	10.252	92	60145	20.715	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	37168	20.956	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	41419	20.823	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	18351	21.394	ug/l	96
56) Ethyl methacrylate	10.514	69	27799	20.850	ug/l	98
57) 1,3-Dichloropropane	10.794	76	34329	21.933	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	76365	104.615	ug/l	97
59) 2-Hexanone	10.837	43	82032	113.959	ug/l	99
60) Dibromochloromethane	10.989	129	22507	21.406	ug/l	99
61) 1,2-Dibromoethane	11.093	107	16983	21.371	ug/l	100
64) Tetrachloroethene	10.727	164	21823	20.669	ug/l	96
65) Chlorobenzene	11.520	112	63393	21.565	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	23320	21.213	ug/l	99
67) Ethyl Benzene	11.599	91	118819	21.325	ug/l	99
68) m/p-Xylenes	11.709	106	89206	42.009	ug/l	100
69) o-Xylene	12.032	106	43491	21.619	ug/l	96
70) Styrene	12.050	104	73774	21.715	ug/l	99
71) Bromoform	12.215	173	15454	23.226	ug/l #	98
73) Isopropylbenzene	12.337	105	116693	20.086	ug/l	99
74) N-amyl acetate	12.148	43	33860	18.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	20037	18.640	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	15591m	18.797	ug/l	
77) Bromobenzene	12.611	156	28925	21.861	ug/l	89
78) n-propylbenzene	12.678	91	139252	19.661	ug/l	97
79) 2-Chlorotoluene	12.763	91	77875	20.093	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	96366	20.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8205	19.601	ug/l	95
82) 4-Chlorotoluene	12.861	91	79600	19.647	ug/l	96
83) tert-Butylbenzene	13.080	119	86105	20.820	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	96596	20.319	ug/l	100
85) sec-Butylbenzene	13.257	105	124510	20.217	ug/l	99
86) p-Isopropyltoluene	13.373	119	106144	20.359	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	55375	21.015	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	54563	20.984	ug/l	100
89) n-Butylbenzene	13.702	91	98166	19.954	ug/l	99
90) Hexachloroethane	13.964	117	18970	20.190	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	49000	21.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3946	20.767	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	30643	20.626	ug/l	98
94) Hexachlorobutadiene	15.117	225	20651	21.304	ug/l	99
95) Naphthalene	15.239	128	53676	19.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	24445	19.746	ug/l	98

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

