

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006895.D
 Acq On : 26 Nov 2021 13:16
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 03:02:32 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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	101576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	161108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	148185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70014	52.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.728	113	50123	50.650	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.300%
50) Toluene-d8	10.185	98	209754	51.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.483	95	71867	52.057	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19609	20.102	ug/l	96
3) Chloromethane	2.119	50	30393	20.711	ug/l	98
4) Vinyl Chloride	2.259	62	30083	20.191	ug/l	97
5) Bromomethane	2.656	94	17156	21.610	ug/l	95
6) Chloroethane	2.802	64	15033	16.493	ug/l	99
7) Trichlorofluoromethane	3.137	101	40136	21.495	ug/l	100
8) Diethyl Ether	3.540	74	12856	20.674	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	20138	20.307	ug/l	98
10) Methyl Iodide	4.101	142	23669	19.094	ug/l	98
11) Tert butyl alcohol	4.954	59	18990	94.851	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	20248	20.587	ug/l	94
13) Acrolein	3.735	56	7535	269.038	ug/l	100
14) Allyl chloride	4.491	41	45980	20.755	ug/l	99
15) Acrylonitrile	5.174	53	36306	101.221	ug/l	100
16) Acetone	3.960	43	36958	91.372	ug/l	97
17) Carbon Disulfide	4.210	76	64472	18.571	ug/l	99
18) Methyl Acetate	4.485	43	26760	20.438	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	64877	20.927	ug/l	99
20) Methylene Chloride	4.729	84	28338	21.531	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	23122	20.579	ug/l	94
22) Diisopropyl ether	6.125	45	91170	20.858	ug/l	96
23) Vinyl Acetate	6.070	43	263978	100.013	ug/l	99
24) 1,1-Dichloroethane	6.033	63	46627	20.899	ug/l	100
25) 2-Butanone	6.996	43	51221	94.585	ug/l	96
26) 2,2-Dichloropropane	6.990	77	44928	22.286	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	27172	21.413	ug/l	94
28) Bromochloromethane	7.344	49	21470	20.458	ug/l	92
29) Tetrahydrofuran	7.356	42	31895	95.020	ug/l	97
30) Chloroform	7.515	83	46620	21.736	ug/l	99
31) Cyclohexane	7.795	56	45467	19.431	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	43751	22.134	ug/l	99
36) 1,1-Dichloropropene	7.929	75	35722	20.399	ug/l	99
37) Ethyl Acetate	7.088	43	23001	19.645	ug/l	99
38) Carbon Tetrachloride	7.911	117	39214	21.893	ug/l	99
39) Methylcyclohexane	9.191	83	41873	19.606	ug/l	99
40) Benzene	8.167	78	103501	20.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12852m	13.073	ug/l	
42) 1,2-Dichloroethane	8.246	62	35672	21.720	ug/l	98
43) Isopropyl Acetate	8.283	43	41568	18.927	ug/l	99
44) Trichloroethene	8.947	130	25220	21.029	ug/l	98
45) 1,2-Dichloropropane	9.228	63	25694	20.201	ug/l	97
46) Dibromomethane	9.313	93	13374	20.188	ug/l	97
47) Bromodichloromethane	9.502	83	35294	20.979	ug/l	96
48) Methyl methacrylate	9.301	41	20104	19.320	ug/l	97
49) 1,4-Dioxane	9.307	88	3077	404.795	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	110978	95.930	ug/l	99
52) Toluene	10.246	92	62749	20.961	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	38492	21.049	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	42460	20.703	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	18789	21.245	ug/l	98
56) Ethyl methacrylate	10.514	69	27590	20.070	ug/l	97
57) 1,3-Dichloropropane	10.794	76	34389	21.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	69978	92.978	ug/l	99
59) 2-Hexanone	10.837	43	78112	107.065	ug/l	99
60) Dibromochloromethane	10.990	129	22877	21.103	ug/l	98
61) 1,2-Dibromoethane	11.093	107	17434	21.277	ug/l	97
64) Tetrachloroethene	10.727	164	22909	21.156	ug/l	96
65) Chlorobenzene	11.520	112	64875	21.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	24110	21.385	ug/l	98
67) Ethyl Benzene	11.593	91	123459	21.604	ug/l	97
68) m/p-Xylenes	11.703	106	92501	42.473	ug/l	99
69) o-Xylene	12.032	106	43269	20.972	ug/l	97
70) Styrene	12.050	104	74658	21.427	ug/l	100
71) Bromoform	12.209	173	14597	21.390	ug/l #	99
73) Isopropylbenzene	12.331	105	116951	19.422	ug/l	100
74) N-amyl acetate	12.148	43	37552	19.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	20381	18.293	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	15622m	18.171	ug/l	
77) Bromobenzene	12.611	156	26924	19.633	ug/l	99
78) n-propylbenzene	12.672	91	148352	20.209	ug/l	99
79) 2-Chlorotoluene	12.758	91	82006	20.414	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	100210	20.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7987	18.409	ug/l	97
82) 4-Chlorotoluene	12.855	91	84518	20.127	ug/l	98
83) tert-Butylbenzene	13.081	119	87158	20.333	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	97815	19.851	ug/l	100
85) sec-Butylbenzene	13.257	105	130583	20.456	ug/l	99
86) p-Isopropyltoluene	13.373	119	112638	20.844	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	56624	20.733	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56687	21.033	ug/l	99
89) n-Butylbenzene	13.703	91	103251	20.249	ug/l	99
90) Hexachloroethane	13.965	117	19939	20.474	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	50965	21.652	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3523	17.888	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	32309	20.982	ug/l	99
94) Hexachlorobutadiene	15.117	225	22155	22.050	ug/l	98
95) Naphthalene	15.239	128	55553	19.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	26428	20.596	ug/l	99

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

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