

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006546.D
 Acq On : 01 Nov 2021 12:36
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Quant Time: Nov 01 14:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	161470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102545	51.608	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.220%			
35) Dibromofluoromethane	7.722	113	75986	52.467	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.940%			
50) Toluene-d8	10.185	98	324394	52.838	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.483	95	111289	53.811	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26305	17.624	ug/l	99
3) Chloromethane	2.119	50	38263	18.992	ug/l	98
4) Vinyl Chloride	2.260	62	42449	18.866	ug/l	99
5) Bromomethane	2.638	94	29600	19.746	ug/l	98
6) Chloroethane	2.796	64	26001	19.569	ug/l	94
7) Trichlorofluoromethane	3.131	101	55071	19.276	ug/l	99
8) Diethyl Ether	3.534	74	18956	20.259	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.906	101	30190	20.755	ug/l	97
10) Methyl Iodide	4.101	142	24595	18.959	ug/l	97
11) Tert butyl alcohol	4.954	59	16737	92.720	ug/l	99
12) 1,1-Dichloroethene	3.881	96	29028	19.913	ug/l	96
13) Acrolein	3.741	56	11948	95.744	ug/l	100
14) Allyl chloride	4.485	41	67837	22.609	ug/l	93
15) Acrylonitrile	5.168	53	53592	101.709	ug/l	100
16) Acetone	3.954	43	49684	86.838	ug/l	96
17) Carbon Disulfide	4.198	76	90082	18.840	ug/l	100
18) Methyl Acetate	4.479	43	38703	20.861	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	93689	20.046	ug/l	100
20) Methylene Chloride	4.723	84	43065	21.990	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	33131	20.041	ug/l	100
22) Diisopropyl ether	6.125	45	139719	23.365	ug/l	95
23) Vinyl Acetate	6.070	43	388824	106.907	ug/l	97
24) 1,1-Dichloroethane	6.027	63	69104	22.101	ug/l	99
25) 2-Butanone	6.990	43	75184	100.303	ug/l	98
26) 2,2-Dichloropropane	6.984	77	60387	20.305	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	38408	20.351	ug/l	94
28) Bromochloromethane	7.344	49	31810	25.074	ug/l	91
29) Tetrahydrofuran	7.350	42	47551	103.401	ug/l	95
30) Chloroform	7.509	83	67696	20.965	ug/l	99
31) Cyclohexane	7.789	56	67802	21.078	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	58051	19.470	ug/l	98
36) 1,1-Dichloropropene	7.923	75	50419	19.638	ug/l	99
37) Ethyl Acetate	7.076	43	33167	20.413	ug/l	99
38) Carbon Tetrachloride	7.905	117	51367	18.136	ug/l	98
39) Methylcyclohexane	9.185	83	59582	19.064	ug/l	97
40) Benzene	8.161	78	144854	19.782	ug/l	99

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41) Methacrylonitrile	7.314	41	22191m	24.069	ug/l	
42) 1,2-Dichloroethane	8.240	62	48785	18.656	ug/l	99
43) Isopropyl Acetate	8.277	43	62787	19.919	ug/l	99
44) Trichloroethene	8.941	130	36901	19.540	ug/l	95
45) 1,2-Dichloropropane	9.222	63	39313	21.675	ug/l	97
46) Dibromomethane	9.307	93	19987	20.075	ug/l	94
47) Bromodichloromethane	9.496	83	50928	19.663	ug/l	97
48) Methyl methacrylate	9.295	41	28435	19.464	ug/l	98
49) 1,4-Dioxane	9.295	88	4681	346.313	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	165260	100.016	ug/l	99
52) Toluene	10.246	92	87965	19.146	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	54648	19.586	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	61739	20.423	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	26922	19.557	ug/l	97
56) Ethyl methacrylate	10.508	69	40867	19.216	ug/l	97
57) 1,3-Dichloropropane	10.795	76	50204	20.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	113592	117.086	ug/l	95
59) 2-Hexanone	10.831	43	116890	97.744	ug/l	100
60) Dibromochloromethane	10.984	129	32843	19.342	ug/l	96
61) 1,2-Dibromoethane	11.087	107	25316	19.533	ug/l	97
64) Tetrachloroethene	10.721	164	41530	19.804	ug/l	97
65) Chlorobenzene	11.520	112	91701	19.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33904	19.296	ug/l	98
67) Ethyl Benzene	11.593	91	173632	19.537	ug/l	99
68) m/p-Xylenes	11.703	106	129657	38.780	ug/l	99
69) o-Xylene	12.032	106	62669	19.644	ug/l	98
70) Styrene	12.044	104	106342	19.496	ug/l	99
71) Bromoform	12.209	173	21382	19.252	ug/l #	99
73) Isopropylbenzene	12.331	105	170089	19.605	ug/l	99
74) N-amyl acetate	12.142	43	52842	18.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	27796	18.506	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	43346	33.915	ug/l #	100
77) Bromobenzene	12.611	156	39818	19.480	ug/l	99
78) n-propylbenzene	12.672	91	210814	19.662	ug/l	100
79) 2-Chlorotoluene	12.758	91	116668	19.655	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	142625	19.633	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11593	18.622	ug/l	94
82) 4-Chlorotoluene	12.855	91	124346	20.104	ug/l	98
83) tert-Butylbenzene	13.075	119	122139	19.565	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	141726	19.511	ug/l	100
85) sec-Butylbenzene	13.252	105	186859	19.934	ug/l	100
86) p-Isopropyltoluene	13.367	119	155401	19.433	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	79264	19.321	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	80071	19.851	ug/l	99
89) n-Butylbenzene	13.697	91	150890	20.059	ug/l	99
90) Hexachloroethane	13.959	117	29288	20.279	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	70899	19.703	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5272	16.533	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	47127	19.839	ug/l	98
94) Hexachlorobutadiene	15.111	225	28728	18.869	ug/l	99
95) Naphthalene	15.239	128	81343	17.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37632	18.090	ug/l	99

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

