

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011468.D
 Acq On : 16 Nov 2022 13:10
 Operator : KP/MD
 Sample : VY1116SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS02

Quant Time: Nov 17 03:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	280965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	445978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	404188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108316	46.006	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.020%		
35) Dibromofluoromethane	7.716	113	119180	47.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.360%		
50) Toluene-d8	10.179	98	419668	43.952	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.900%		
62) 4-Bromofluorobenzene	12.483	95	160589	48.220	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44879	24.294	ug/l	99
3) Chloromethane	2.113	50	44572	19.738	ug/l	96
4) Vinyl Chloride	2.253	62	53824	20.220	ug/l	99
5) Bromomethane	2.644	94	38865	20.163	ug/l	96
6) Chloroethane	2.790	64	35029	19.818	ug/l	95
7) Trichlorofluoromethane	3.125	101	86008	20.479	ug/l	94
8) Diethyl Ether	3.528	74	30934	20.975	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	51744	20.322	ug/l	95
10) Methyl Iodide	4.095	142	67774	19.957	ug/l	89
11) Tert butyl alcohol	4.948	59	50397	163.646	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	49577	19.665	ug/l #	75
13) Acrolein	3.729	56	12210	162.172	ug/l	99
14) Allyl chloride	4.479	41	68077	20.010	ug/l #	80
15) Acrylonitrile	5.161	53	78156	110.907	ug/l	97
16) Acetone	3.948	43	69341	111.610	ug/l #	80
17) Carbon Disulfide	4.198	76	136629	18.195	ug/l	100
18) Methyl Acetate	4.479	43	41138	23.272	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	140016	21.236	ug/l	95
20) Methylene Chloride	4.716	84	95789	24.550	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	56707	19.728	ug/l	82
22) Diisopropyl ether	6.119	45	150504	20.728	ug/l #	89
23) Vinyl Acetate	6.058	43	443612	104.432	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	95279	20.151	ug/l	97
25) 2-Butanone	6.984	43	101613	114.821	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	89561	20.254	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	67071	20.733	ug/l	83
28) Bromochloromethane	7.332	49	34336	19.996	ug/l #	69
29) Tetrahydrofuran	7.344	42	60162	112.228	ug/l #	77
30) Chloroform	7.509	83	104156	20.828	ug/l	98
31) Cyclohexane	7.789	56	78652	18.591	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	90811	20.078	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	75735	19.524	ug/l	95
37) Ethyl Acetate	7.076	43	39896	21.410	ug/l #	88
38) Carbon Tetrachloride	7.899	117	83519	19.793	ug/l	98
39) Methylcyclohexane	9.185	83	90949	19.188	ug/l #	86
40) Benzene	8.161	78	231428	19.978	ug/l	95

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41) Methacrylonitrile	7.313	41	19608m	20.321	ug/l	
42) 1,2-Dichloroethane	8.234	62	62899	20.719	ug/l	89
43) Isopropyl Acetate	8.271	43	70923	21.098	ug/l #	83
44) Trichloroethene	8.941	130	65191	20.034	ug/l	99
45) 1,2-Dichloropropane	9.216	63	56349	20.439	ug/l	98
46) Dibromomethane	9.307	93	33595	20.929	ug/l	96
47) Bromodichloromethane	9.496	83	79906	20.777	ug/l	100
48) Methyl methacrylate	9.295	41	32110	21.255	ug/l #	70
49) 1,4-Dioxane	9.295	88	10026	457.509	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	198036	109.551	ug/l #	82
52) Toluene	10.246	92	149264	20.178	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	81425	20.533	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	93466	20.421	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	50821	21.863	ug/l	98
56) Ethyl methacrylate	10.508	69	63581	21.270	ug/l #	68
57) 1,3-Dichloropropane	10.788	76	81389	20.989	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	147030	106.409	ug/l	91
59) 2-Hexanone	10.831	43	143070	111.720	ug/l	78
60) Dibromochloromethane	10.984	129	60496	21.084	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47930	21.445	ug/l	100
64) Tetrachloroethene	10.721	164	64759	20.044	ug/l	99
65) Chlorobenzene	11.514	112	165022	20.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	61955	20.469	ug/l	98
67) Ethyl Benzene	11.593	91	283571	20.061	ug/l	99
68) m/p-Xylenes	11.703	106	224410	40.493	ug/l	92
69) o-Xylene	12.032	106	106593	20.393	ug/l	92
70) Styrene	12.044	104	182593	20.781	ug/l	94
71) Bromoform	12.209	173	40544	21.611	ug/l #	98
73) Isopropylbenzene	12.331	105	282757	19.875	ug/l	100
74) N-amyl acetate	12.142	43	60938	20.359	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	58610	21.442	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	46631m	19.571	ug/l	
77) Bromobenzene	12.611	156	69175	20.333	ug/l	93
78) n-propylbenzene	12.672	91	336843	19.843	ug/l	96
79) 2-Chlorotoluene	12.758	91	194164	20.000	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	240724	20.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20708	20.891	ug/l #	79
82) 4-Chlorotoluene	12.855	91	200081	19.853	ug/l	97
83) tert-Butylbenzene	13.075	119	207668	20.017	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	240211	20.394	ug/l	98
85) sec-Butylbenzene	13.251	105	308739	20.217	ug/l	99
86) p-Isopropyltoluene	13.367	119	259351	20.260	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	137330	20.221	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	136715	20.356	ug/l	98
89) n-Butylbenzene	13.696	91	232904	20.248	ug/l	98
90) Hexachloroethane	13.959	117	49199	19.644	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	123747	20.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9731	21.849	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	74446	20.962	ug/l	99
94) Hexachlorobutadiene	15.111	225	45291	21.586	ug/l	99
95) Naphthalene	15.239	128	148706	21.120	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	65308	21.294	ug/l	99

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

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