

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011500.D
 Acq On : 18 Nov 2022 13:52
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY111822

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 22:40:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	209429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	300777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95985	45.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.280%		
35) Dibromofluoromethane	7.722	113	92184	45.540	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.080%		
50) Toluene-d8	10.185	98	325674	44.273	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.540%		
62) 4-Bromofluorobenzene	12.483	95	127383	46.837	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53242	46.825	ug/l	99
3) Chloromethane	2.113	50	91291	51.393	ug/l	96
4) Vinyl Chloride	2.253	62	106275	44.865	ug/l	99
5) Bromomethane	2.656	94	79960	53.126	ug/l	100
6) Chloroethane	2.796	64	73358	44.386	ug/l	99
7) Trichlorofluoromethane	3.131	101	160046	46.062	ug/l	93
8) Diethyl Ether	3.534	74	57071	50.821	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	96535	48.047	ug/l	95
10) Methyl Iodide	4.095	142	107652	45.988	ug/l	95
11) Tert butyl alcohol	4.966	59	53409	229.389	ug/l	96
12) 1,1-Dichloroethene	3.881	96	88842	48.272	ug/l	87
13) Acrolein	3.741	56	9488	169.213	ug/l	97
14) Allyl chloride	4.485	41	166799	51.627	ug/l	93
15) Acrylonitrile	5.168	53	163605	266.735	ug/l	98
16) Acetone	3.954	43	192041	278.023	ug/l	94
17) Carbon Disulfide	4.198	76	244320	47.898	ug/l	98
18) Methyl Acetate	4.479	43	83698	52.537	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	287702	54.774	ug/l	97
20) Methylene Chloride	4.723	84	137867	54.229	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	103801	48.807	ug/l	94
22) Diisopropyl ether	6.125	45	374318	53.077	ug/l	94
23) Vinyl Acetate	6.064	43	1186479	288.816	ug/l	96
24) 1,1-Dichloroethane	6.021	63	200795	48.492	ug/l	99
25) 2-Butanone	6.990	43	251983	277.581	ug/l	93
26) 2,2-Dichloropropane	6.984	77	186558	48.816	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	125670	50.191	ug/l	94
28) Bromochloromethane	7.338	49	85389	51.332	ug/l	95
29) Tetrahydrofuran	7.350	42	143936	280.765	ug/l	93
30) Chloroform	7.509	83	210083	48.923	ug/l	96
31) Cyclohexane	7.789	56	171968	48.788	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	185903	48.395	ug/l	97
36) 1,1-Dichloropropene	7.923	75	154798	48.922	ug/l	99
37) Ethyl Acetate	7.076	43	99912	55.452	ug/l	97
38) Carbon Tetrachloride	7.905	117	169578	47.902	ug/l	99
39) Methylcyclohexane	9.185	83	181703	51.458	ug/l	93
40) Benzene	8.161	78	452063	49.046	ug/l	97

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41) Methacrylonitrile	7.314	41	46719m	51.283	ug/l	
42) 1,2-Dichloroethane	8.240	62	140537	49.302	ug/l	94
43) Isopropyl Acetate	8.277	43	179398	55.192	ug/l	95
44) Trichloroethene	8.941	130	119874	48.338	ug/l	96
45) 1,2-Dichloropropane	9.216	63	116805	49.578	ug/l	97
46) Dibromomethane	9.307	93	66185	50.243	ug/l	96
47) Bromodichloromethane	9.496	83	164824	49.674	ug/l	99
48) Methyl methacrylate	9.295	41	81528	56.469	ug/l	90
49) 1,4-Dioxane	9.301	88	17593	1078.417	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	515591	285.346	ug/l	94
52) Toluene	10.246	92	293496	50.354	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	172359	51.965	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	189628	50.820	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	95483	50.664	ug/l	97
56) Ethyl methacrylate	10.514	69	132123	56.368	ug/l	87
57) 1,3-Dichloropropane	10.795	76	163418	51.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	318499	277.453	ug/l	99
59) 2-Hexanone	10.831	43	379342	294.149	ug/l	93
60) Dibromochloromethane	10.984	129	118367	51.250	ug/l	99
61) 1,2-Dibromoethane	11.093	107	90166	52.414	ug/l	98
64) Tetrachloroethene	10.721	164	118648	47.869	ug/l	97
65) Chlorobenzene	11.520	112	314269	49.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	119778	50.176	ug/l	98
67) Ethyl Benzene	11.593	91	580071	51.008	ug/l	99
68) m/p-Xylenes	11.703	106	444980	102.790	ug/l	97
69) o-Xylene	12.032	106	211180	52.396	ug/l	96
70) Styrene	12.044	104	361259	52.510	ug/l	97
71) Bromoform	12.209	173	76309	52.544	ug/l #	99
73) Isopropylbenzene	12.331	105	572721	51.288	ug/l	99
74) N-amyl acetate	12.148	43	159840	57.964	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	114631	52.095	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	79659m	47.906	ug/l	
77) Bromobenzene	12.611	156	130035	49.870	ug/l	99
78) n-propylbenzene	12.672	91	693736	50.923	ug/l	99
79) 2-Chlorotoluene	12.758	91	390071	50.800	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	482637	51.273	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	42039	55.376	ug/l	89
82) 4-Chlorotoluene	12.855	91	405062	50.450	ug/l	99
83) tert-Butylbenzene	13.075	119	424725	51.802	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	476574	51.261	ug/l	99
85) sec-Butylbenzene	13.258	105	619782	50.663	ug/l	100
86) p-Isopropyltoluene	13.367	119	523333	51.258	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	262264	49.410	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	256489	48.326	ug/l	99
89) n-Butylbenzene	13.697	91	484734	51.648	ug/l	99
90) Hexachloroethane	13.965	117	98925	47.982	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	233507	49.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19788	54.835	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	137443	52.665	ug/l	99
94) Hexachlorobutadiene	15.111	225	80626	49.701	ug/l	100
95) Naphthalene	15.239	128	287681	52.375	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	119292	53.338	ug/l	99

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

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