

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010036.D
 Acq On : 15 Aug 2022 19:13
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081522

Quant Time: Aug 16 13:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2022
 Supervised By :Semsettin Yesilyurt 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	121624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42654	35.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.160%		
35) Dibromofluoromethane	7.710	113	45045	39.863	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.720%		
50) Toluene-d8	10.173	98	143273	34.271	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	68.540%		
62) 4-Bromofluorobenzene	12.477	95	72281	49.225	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32528	32.671	ug/l	99
3) Chloromethane	2.107	50	49115	36.311	ug/l	99
4) Vinyl Chloride	2.241	62	64378	37.216	ug/l	99
5) Bromomethane	2.637	94	51846	39.270	ug/l	97
6) Chloroethane	2.778	64	43573	36.575	ug/l	99
7) Trichlorofluoromethane	3.113	101	82353	40.078	ug/l	99
8) Diethyl Ether	3.515	74	25838	44.896	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	46524	42.695	ug/l	99
10) Methyl Iodide	4.076	142	49492	38.370	ug/l	99
11) Tert butyl alcohol	4.942	59	28595	253.357	ug/l	100
12) 1,1-Dichloroethene	3.857	96	40067	40.176	ug/l	94
13) Acrolein	3.717	56	17242	212.409	ug/l	97
14) Allyl chloride	4.466	41	63495	43.322	ug/l	99
15) Acrylonitrile	5.149	53	69584	256.422	ug/l	100
16) Acetone	3.936	43	55175	211.828	ug/l	98
17) Carbon Disulfide	4.180	76	90119	31.548	ug/l	99
18) Methyl Acetate	4.466	43	35525	46.580	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	138278	50.463	ug/l	96
20) Methylene Chloride	4.698	84	54659	45.028	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	46842	40.841	ug/l	96
22) Diisopropyl ether	6.106	45	162098	56.231	ug/l	97
23) Vinyl Acetate	6.045	43	539538	296.607	ug/l	97
24) 1,1-Dichloroethane	6.003	63	88194	48.173	ug/l	99
25) 2-Butanone	6.978	43	98255	275.736	ug/l	98
26) 2,2-Dichloropropane	6.972	77	85767	44.576	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	58008	45.993	ug/l	97
28) Bromochloromethane	7.326	49	36962	48.518	ug/l	96
29) Tetrahydrofuran	7.338	42	65242	281.881	ug/l	99
30) Chloroform	7.496	83	100614	44.938	ug/l	99
31) Cyclohexane	7.777	56	67269	39.150	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	93536	46.086	ug/l	100
36) 1,1-Dichloropropene	7.905	75	68193	43.321	ug/l	100
37) Ethyl Acetate	7.063	43	44473	56.103	ug/l	98
38) Carbon Tetrachloride	7.893	117	85957	44.401	ug/l	99
39) Methylcyclohexane	9.179	83	77822	43.879	ug/l	97
40) Benzene	8.155	78	203054	44.093	ug/l	98

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41) Methacrylonitrile	7.307	41	24672m	60.255	ug/l	
42) 1,2-Dichloroethane	8.228	62	68243	47.559	ug/l	99
43) Isopropyl Acetate	8.264	43	86115	57.232	ug/l	97
44) Trichloroethene	8.935	130	59823	42.979	ug/l	98
45) 1,2-Dichloropropane	9.209	63	51188	47.010	ug/l	98
46) Dibromomethane	9.301	93	33599	48.179	ug/l	99
47) Bromodichloromethane	9.490	83	80792	48.029	ug/l	99
48) Methyl methacrylate	9.289	41	37509	57.292	ug/l	99
49) 1,4-Dioxane	9.295	88	7130	879.877	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	269805	325.012	ug/l	99
52) Toluene	10.240	92	146641	49.405	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	86529	53.413	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	86385	48.749	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	49835	51.736	ug/l	98
56) Ethyl methacrylate	10.508	69	68973	61.955	ug/l	97
57) 1,3-Dichloropropane	10.782	76	80744	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	146300	303.661	ug/l	98
59) 2-Hexanone	10.831	43	190396	288.408	ug/l	100
60) Dibromochloromethane	10.984	129	64743	50.745	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48496	51.661	ug/l	99
64) Tetrachloroethene	10.715	164	62497	42.387	ug/l	96
65) Chlorobenzene	11.514	112	166249	46.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	67367	47.235	ug/l	99
67) Ethyl Benzene	11.587	91	295608	48.985	ug/l	100
68) m/p-Xylenes	11.697	106	233578	97.435	ug/l	98
69) o-Xylene	12.026	106	112025	50.021	ug/l	100
70) Styrene	12.038	104	196412	51.971	ug/l	100
71) Bromoform	12.203	173	45552	50.982	ug/l #	100
73) Isopropylbenzene	12.325	105	300992	49.915	ug/l	99
74) N-amyl acetate	12.142	43	92685	53.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	64653	53.934	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	55224m	60.387	ug/l	
77) Bromobenzene	12.605	156	75471	47.111	ug/l	99
78) n-propylbenzene	12.666	91	371330	49.950	ug/l	99
79) 2-Chlorotoluene	12.751	91	207354	49.324	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	261912	49.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	22814	56.378	ug/l	99
82) 4-Chlorotoluene	12.849	91	220554	50.152	ug/l	99
83) tert-Butylbenzene	13.075	119	233338	50.551	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	264760	51.332	ug/l	99
85) sec-Butylbenzene	13.251	105	345703	51.274	ug/l	100
86) p-Isopropyltoluene	13.367	119	295419	51.125	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	155701	47.730	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	154867	47.025	ug/l	99
89) n-Butylbenzene	13.696	91	271313	52.702	ug/l	99
90) Hexachloroethane	13.959	117	56936	48.612	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	140498	48.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10776	52.301	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	80227	46.284	ug/l	98
94) Hexachlorobutadiene	15.111	225	47407	42.738	ug/l	99
95) Naphthalene	15.233	128	165536	46.967	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	72242	47.354	ug/l	100

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

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