

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015072.D
 Acq On : 14 Aug 2023 11:23
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 14 12:36:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:26:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
 Supervised By :Semsettin Yesilyurt 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	269501	98.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.100%#			
35) Dibromofluoromethane	7.716	113	241337	100.300	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.600%#			
50) Toluene-d8	10.179	98	903034	100.818	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 201.640%#			
62) 4-Bromofluorobenzene	12.477	95	328275	100.343	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 200.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	90650	97.192	ug/l	96
3) Chloromethane	2.107	50	131954	100.337	ug/l	100
4) Vinyl Chloride	2.247	62	160795	88.248	ug/l	95
5) Bromomethane	2.631	94	109150	97.585	ug/l	99
6) Chloroethane	2.777	64	120071	90.765	ug/l	96
7) Trichlorofluoromethane	3.113	101	275920	89.870	ug/l	99
8) Diethyl Ether	3.527	74	110450	91.729	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	169256	88.703	ug/l	97
10) Methyl Iodide	4.082	142	189366	101.067	ug/l	98
11) Tert butyl alcohol	4.966	59	208940	476.403	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	144306	90.568	ug/l	93
13) Acrolein	3.729	56	86265	501.505	ug/l	99
14) Allyl chloride	4.472	41	265409	93.952	ug/l	97
15) Acrylonitrile	5.155	53	378203	463.486	ug/l	98
16) Acetone	3.948	43	416153	463.444	ug/l	94
17) Carbon Disulfide	4.186	76	267902	95.540	ug/l	100
18) Methyl Acetate	4.472	43	302298	91.866	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	627884	92.678	ug/l	100
20) Methylene Chloride	4.710	84	202171	98.055	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	164575	91.570	ug/l	95
22) Diisopropyl ether	6.118	45	677427	96.103	ug/l	93
23) Vinyl Acetate	6.057	43	2028775	482.345	ug/l	96
24) 1,1-Dichloroethane	6.009	63	355644	93.192	ug/l	97
25) 2-Butanone	6.984	43	587810	462.328	ug/l	96
26) 2,2-Dichloropropane	6.978	77	338073	91.895	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	226491	92.254	ug/l	96
28) Bromochloromethane	7.332	49	163384	93.186	ug/l	95
29) Tetrahydrofuran	7.344	42	357395	470.112	ug/l	93
30) Chloroform	7.502	83	394306	92.168	ug/l	98
31) Cyclohexane	7.783	56	231205	96.547	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	334945	92.007	ug/l	98
36) 1,1-Dichloropropene	7.917	75	245258	92.134	ug/l	99
37) Ethyl Acetate	7.069	43	225752	90.982	ug/l	96
38) Carbon Tetrachloride	7.899	117	287649	91.305	ug/l	98
39) Methylcyclohexane	9.179	83	278803	93.428	ug/l	96
40) Benzene	8.155	78	753672	93.646	ug/l	99

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41) Methacrylonitrile	7.307	41	126018m	101.184	ug/l	
42) 1,2-Dichloroethane	8.234	62	271480	92.882	ug/l	95
43) Isopropyl Acetate	8.270	43	423631	93.754	ug/l	98
44) Trichloroethene	8.935	130	213004	91.867	ug/l	97
45) 1,2-Dichloropropane	9.215	63	211758	93.309	ug/l	97
46) Dibromomethane	9.301	93	134389	93.890	ug/l	97
47) Bromodichloromethane	9.496	83	326512	95.595	ug/l	98
48) Methyl methacrylate	9.289	41	186811	96.646	ug/l	94
49) 1,4-Dioxane	9.301	88	51578	1802.042	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	1249421	477.103	ug/l	93
52) Toluene	10.240	92	504478	95.102	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	349292	97.308	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	361389	95.596	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	204331	93.886	ug/l	95
56) Ethyl methacrylate	10.508	69	311820	97.899	ug/l	91
57) 1,3-Dichloropropane	10.788	76	336812	94.724	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	688639	464.582	ug/l	94
59) 2-Hexanone	10.831	43	940064	485.028	ug/l	92
60) Dibromochloromethane	10.983	129	250400	96.451	ug/l	100
61) 1,2-Dibromoethane	11.087	107	193029	93.364	ug/l	99
64) Tetrachloroethene	10.715	164	212506	88.954	ug/l	97
65) Chlorobenzene	11.514	112	577023	92.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	238528	94.094	ug/l	98
67) Ethyl Benzene	11.587	91	1016187	92.833	ug/l	99
68) m/p-Xylenes	11.697	106	770067	185.225	ug/l	97
69) o-Xylene	12.026	106	385931	93.184	ug/l	99
70) Styrene	12.044	104	682209	95.173	ug/l	97
71) Bromoform	12.203	173	175012	95.237	ug/l #	98
73) Isopropylbenzene	12.325	105	1037309	91.742	ug/l	100
74) N-amyl acetate	12.142	43	394862	96.725	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	276397	93.859	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	198396m	92.698	ug/l	
77) Bromobenzene	12.605	156	252276	91.535	ug/l	95
78) n-propylbenzene	12.666	91	1239231	92.296	ug/l	100
79) 2-Chlorotoluene	12.751	91	717378	92.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	868540	92.152	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	97195	99.934	ug/l	95
82) 4-Chlorotoluene	12.849	91	741497	92.662	ug/l	100
83) tert-Butylbenzene	13.074	119	795326	92.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	868236	92.189	ug/l	99
85) sec-Butylbenzene	13.251	105	1149994	91.043	ug/l	100
86) p-Isopropyltoluene	13.367	119	965678	92.211	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	504098	92.215	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	494669	90.220	ug/l	99
89) n-Butylbenzene	13.696	91	910687	92.229	ug/l	96
90) Hexachloroethane	13.958	117	191967	92.400	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	467155	91.478	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	53076	93.041	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	303374	92.534	ug/l	99
94) Hexachlorobutadiene	15.111	225	157995	88.595	ug/l	98
95) Naphthalene	15.233	128	755669	92.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	276524	93.393	ug/l	99

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

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