

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016696.D
 Acq On : 19 Dec 2023 14:21
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 20 05:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	238809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	112708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	143540	87.123	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.240%#			
35) Dibromofluoromethane	7.728	113	153573	93.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 187.380%#			
50) Toluene-d8	10.191	98	572734	96.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 192.960%#			
62) 4-Bromofluorobenzene	12.489	95	158496	93.903	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 187.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	132582	98.382	ug/l	98
3) Chloromethane	2.125	50	238178	100.601	ug/l	99
4) Vinyl Chloride	2.260	62	340264	88.449	ug/l	100
5) Bromomethane	2.662	94	316858	94.928	ug/l	99
6) Chloroethane	2.802	64	251496	87.340	ug/l	96
7) Trichlorofluoromethane	3.137	101	310528	92.094	ug/l	100
8) Diethyl Ether	3.540	74	84974	94.144	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.918	101	168436	92.073	ug/l	96
10) Methyl Iodide	4.107	142	210149	101.155	ug/l	98
11) Tert butyl alcohol	4.966	59	47643	492.282	ug/l	100
12) 1,1-Dichloroethene	3.887	96	157495	94.922	ug/l	98
13) Acrolein	3.741	56	40754	495.436	ug/l	99
14) Allyl chloride	4.491	41	196902	95.042	ug/l #	86
15) Acrylonitrile	5.174	53	169110	467.986	ug/l	98
16) Acetone	3.960	43	153853	509.280	ug/l	93
17) Carbon Disulfide	4.210	76	428955	96.601	ug/l	100
18) Methyl Acetate	4.491	43	138247	96.841	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	395298	98.625	ug/l	97
20) Methylene Chloride	4.729	84	175015	102.855	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	182186	97.088	ug/l	99
22) Diisopropyl ether	6.131	45	461824	97.393	ug/l	97
23) Vinyl Acetate	6.070	43	1134290	489.188	ug/l	98
24) 1,1-Dichloroethane	6.027	63	308938	94.606	ug/l	99
25) 2-Butanone	6.997	43	215147	503.805	ug/l	96
26) 2,2-Dichloropropane	6.990	77	292276	98.555	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	207798	97.975	ug/l	95
28) Bromochloromethane	7.344	49	120100	101.282	ug/l	93
29) Tetrahydrofuran	7.356	42	126806	475.389	ug/l	99
30) Chloroform	7.521	83	329483	94.043	ug/l	98
31) Cyclohexane	7.795	56	245121	90.898	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	298142	95.836	ug/l	97
36) 1,1-Dichloropropene	7.929	75	251974	101.626	ug/l	99
37) Ethyl Acetate	7.082	43	90300	95.090	ug/l	97
38) Carbon Tetrachloride	7.911	117	271892	101.632	ug/l	99
39) Methylcyclohexane	9.197	83	305125	106.887	ug/l	96
40) Benzene	8.173	78	719728	101.033	ug/l	100

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41) Methacrylonitrile	7.326	41	49482m	98.111	ug/l	
42) 1,2-Dichloroethane	8.246	62	196883	97.670	ug/l	96
43) Isopropyl Acetate	8.283	43	184120	100.947	ug/l	97
44) Trichloroethene	8.953	130	200514	102.282	ug/l	93
45) 1,2-Dichloropropane	9.228	63	172060	101.052	ug/l	98
46) Dibromomethane	9.313	93	96154	100.003	ug/l	99
47) Bromodichloromethane	9.508	83	251362	100.124	ug/l	99
48) Methyl methacrylate	9.301	41	105254	106.361	ug/l #	88
49) 1,4-Dioxane	9.313	88	19009	2147.249	ug/l #	90
51) 4-Methyl-2-Pentanone	10.081	43	486827	520.033	ug/l	96
52) Toluene	10.252	92	454028	104.167	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	239020	106.331	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	275686	103.504	ug/l #	92
55) 1,1,2-Trichloroethane	10.654	97	129501	97.501	ug/l	99
56) Ethyl methacrylate	10.520	69	118777	109.895	ug/l #	88
57) 1,3-Dichloropropane	10.801	76	220031	100.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	382628	492.312	ug/l	96
59) 2-Hexanone	10.843	43	336269	493.030	ug/l	96
60) Dibromochloromethane	10.996	129	166244	103.087	ug/l	99
61) 1,2-Dibromoethane	11.099	107	119837	100.179	ug/l	97
64) Tetrachloroethene	10.734	164	168547	102.320	ug/l	95
65) Chlorobenzene	11.526	112	481379	101.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	191839	104.705	ug/l	98
67) Ethyl Benzene	11.605	91	914631	108.255	ug/l	98
68) m/p-Xylenes	11.715	106	696796	217.571	ug/l	100
69) o-Xylene	12.038	106	318595	108.897	ug/l	99
70) Styrene	12.057	104	464229	109.891	ug/l	99
71) Bromoform	12.221	173	97874	103.139	ug/l #	99
73) Isopropylbenzene	12.343	105	849157	108.965	ug/l	100
74) N-amyl acetate	12.154	43	152560	108.190	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	143410	98.901	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	94070m	96.017	ug/l	
77) Bromobenzene	12.617	156	195862	104.237	ug/l	97
78) n-propylbenzene	12.685	91	993567	107.543	ug/l	99
79) 2-Chlorotoluene	12.770	91	518178	104.708	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	664340	108.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	44847	105.026	ug/l	89
82) 4-Chlorotoluene	12.867	91	535685	104.681	ug/l	98
83) tert-Butylbenzene	13.087	119	600209	109.228	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	671523	109.704	ug/l	99
85) sec-Butylbenzene	13.264	105	856915	108.137	ug/l	99
86) p-Isopropyltoluene	13.379	119	780165	112.609	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	394056	105.978	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	361481	101.477	ug/l	99
89) n-Butylbenzene	13.709	91	688385	108.695	ug/l	98
90) Hexachloroethane	13.971	117	143637	104.030	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	314098	102.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	18032	94.844	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	193615	106.032	ug/l	98
94) Hexachlorobutadiene	15.123	225	118298	102.503	ug/l	99
95) Naphthalene	15.251	128	316840	108.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	160825	104.132	ug/l	99

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

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