

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015642.D
 Acq On : 19 Sep 2023 13:39
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 19 14:04:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	172356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	260007	137.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 274.220%#			
35) Dibromofluoromethane	7.716	113	249208	145.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 290.960%#			
50) Toluene-d8	10.179	98	801778	138.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 276.080%#			
62) 4-Bromofluorobenzene	12.483	95	321519	141.056	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 282.120%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	181897	160.105	ug/l	97
3) Chloromethane	2.107	50	214733	149.819	ug/l	99
4) Vinyl Chloride	2.247	62	247420	150.980	ug/l	98
5) Bromomethane	2.625	94	138464	146.475	ug/l	100
6) Chloroethane	2.771	64	180824	148.868	ug/l	96
7) Trichlorofluoromethane	3.113	101	432929	157.526	ug/l	99
8) Diethyl Ether	3.527	74	185744	158.483	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	269857	156.822	ug/l	95
10) Methyl Iodide	4.082	142	312730	148.842	ug/l	97
11) Tert butyl alcohol	4.978	59	355080	749.319	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	238155	157.061	ug/l	94
13) Acrolein	3.729	56	245079	843.850	ug/l	99
14) Allyl chloride	4.472	41	443871	160.104	ug/l	93
15) Acrylonitrile	5.161	53	681031	792.109	ug/l	98
16) Acetone	3.954	43	739796	728.958	ug/l	92
17) Carbon Disulfide	4.186	76	486036	164.997	ug/l	100
18) Methyl Acetate	4.479	43	555241	163.062	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	985728	159.612	ug/l	99
20) Methylene Chloride	4.710	84	310727	149.431	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	273511	157.809	ug/l	97
22) Diisopropyl ether	6.118	45	1030992	154.524	ug/l	93
23) Vinyl Acetate	6.057	43	3276618	795.641	ug/l	95
24) 1,1-Dichloroethane	6.015	63	556809	153.109	ug/l	98
25) 2-Butanone	6.984	43	1082701	754.769	ug/l	98
26) 2,2-Dichloropropane	6.978	77	484037	145.623	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	358644	155.871	ug/l	95
28) Bromochloromethane	7.332	49	143653	145.596	ug/l	99
29) Tetrahydrofuran	7.350	42	651665	803.748	ug/l	94
30) Chloroform	7.508	83	594326	152.605	ug/l	96
31) Cyclohexane	7.783	56	394672	150.232	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	503689	156.667	ug/l	98
36) 1,1-Dichloropropene	7.917	75	402116	158.759	ug/l	100
37) Ethyl Acetate	7.076	43	398911	157.895	ug/l	96
38) Carbon Tetrachloride	7.899	117	441098	160.437	ug/l	99
39) Methylcyclohexane	9.185	83	463320	165.384	ug/l	95
40) Benzene	8.161	78	1215053	157.306	ug/l	100

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41) Methacrylonitrile	7.313	41	191510m	144.575	ug/l	
42) 1,2-Dichloroethane	8.240	62	410650	155.234	ug/l	94
43) Isopropyl Acetate	8.271	43	705750	163.534	ug/l	98
44) Trichloroethene	8.941	130	334847	155.212	ug/l	98
45) 1,2-Dichloropropane	9.215	63	339366	157.550	ug/l	99
46) Dibromomethane	9.307	93	220489	160.022	ug/l	94
47) Bromodichloromethane	9.496	83	489645	159.430	ug/l	99
48) Methyl methacrylate	9.295	41	316020	166.829	ug/l	89
49) 1,4-Dioxane	9.307	88	88899	3265.839	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	2151674	804.398	ug/l	93
52) Toluene	10.246	92	786026	157.848	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	537958	163.340	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	571802	161.291	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	316539	156.763	ug/l	97
56) Ethyl methacrylate	10.514	69	499886	167.989	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	530569	156.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	750147	793.625	ug/l	97
59) 2-Hexanone	10.831	43	1637693	798.016	ug/l	90
60) Dibromochloromethane	10.983	129	376608	159.775	ug/l	99
61) 1,2-Dibromoethane	11.087	107	315101	159.512	ug/l	99
64) Tetrachloroethene	10.721	164	337689	150.472	ug/l	98
65) Chlorobenzene	11.514	112	880385	154.193	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	352405	158.896	ug/l	98
67) Ethyl Benzene	11.593	91	1588815	159.206	ug/l	99
68) m/p-Xylenes	11.703	106	1206608	318.101	ug/l	96
69) o-Xylene	12.032	106	591586	159.051	ug/l	98
70) Styrene	12.044	104	1028715	161.579	ug/l	97
71) Bromoform	12.209	173	262439	163.293	ug/l #	99
73) Isopropylbenzene	12.331	105	1550189	162.996	ug/l	100
74) N-amyl acetate	12.142	43	606506	169.674	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	429356	162.212	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	346633m	163.250	ug/l	
77) Bromobenzene	12.611	156	374457	160.398	ug/l	93
78) n-propylbenzene	12.672	91	1855437	160.587	ug/l	100
79) 2-Chlorotoluene	12.758	91	1057121	160.510	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1279786	160.737	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	156496	174.242	ug/l	91
82) 4-Chlorotoluene	12.855	91	1080914	157.215	ug/l	99
83) tert-Butylbenzene	13.075	119	1119510	160.540	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1280198	160.698	ug/l	98
85) sec-Butylbenzene	13.251	105	1676099	160.609	ug/l	99
86) p-Isopropyltoluene	13.367	119	1406762	161.375	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	733160	158.301	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	720897	155.633	ug/l	99
89) n-Butylbenzene	13.696	91	1318774	159.761	ug/l	97
90) Hexachloroethane	13.959	117	274511	163.165	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	671986	157.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	85419	162.489	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	438721	163.000	ug/l	98
94) Hexachlorobutadiene	15.111	225	218109	158.239	ug/l	98
95) Naphthalene	15.233	128	1217698	173.504	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	409182	164.711	ug/l	99

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

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