

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015848.D
 Acq On : 05 Oct 2023 14:24
 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: Oct 06 05:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	316488	154.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.260%#			
35) Dibromofluoromethane	7.716	113	307436	153.554	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 307.100%#			
50) Toluene-d8	10.179	98	1017054	156.461	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 312.920%#			
62) 4-Bromofluorobenzene	12.483	95	396937	149.391	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 298.780%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	151235	157.571	ug/l	96
3) Chloromethane	2.107	50	176149	165.145	ug/l	99
4) Vinyl Chloride	2.247	62	214738	159.843	ug/l	97
5) Bromomethane	2.631	94	109192	151.533	ug/l	99
6) Chloroethane	2.771	64	141588	147.553	ug/l	95
7) Trichlorofluoromethane	3.107	101	413167	158.516	ug/l	98
8) Diethyl Ether	3.521	74	187719	165.191	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	273034	160.710	ug/l	94
10) Methyl Iodide	4.082	142	281870	149.897	ug/l	97
11) Tert butyl alcohol	4.984	59	368691	753.158	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	227688	167.582	ug/l	91
13) Acrolein	3.728	56	130744	825.345	ug/l	99
14) Allyl chloride	4.466	41	427185	166.772	ug/l	91
15) Acrylonitrile	5.161	53	689698	778.055	ug/l	98
16) Acetone	3.954	43	747417	702.591	ug/l	91
17) Carbon Disulfide	4.180	76	382329	150.582	ug/l	98
18) Methyl Acetate	4.478	43	583076	168.411	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	1041864	162.237	ug/l	99
20) Methylene Chloride	4.704	84	316419	153.505	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	264305	168.881	ug/l	97
22) Diisopropyl ether	6.118	45	1056290	158.807	ug/l	91
23) Vinyl Acetate	6.057	43	3216092	798.861	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	568105	160.842	ug/l	98
25) 2-Butanone	6.990	43	1081530	739.101	ug/l	96
26) 2,2-Dichloropropane	6.978	77	508097	154.802	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	366242	161.886	ug/l	94
28) Bromochloromethane	7.331	49	313095	151.577	ug/l	93
29) Tetrahydrofuran	7.350	42	646412	791.682	ug/l	91
30) Chloroform	7.502	83	617708	156.335	ug/l	95
31) Cyclohexane	7.783	56	358285	154.803	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	515762	159.674	ug/l	98
36) 1,1-Dichloropropene	7.911	75	385509	161.396	ug/l	99
37) Ethyl Acetate	7.075	43	408474	152.815	ug/l #	95
38) Carbon Tetrachloride	7.898	117	443722	157.989	ug/l	99
39) Methylcyclohexane	9.179	83	433154	169.562	ug/l	93
40) Benzene	8.154	78	1207328	161.081	ug/l	99

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41) Methacrylonitrile	7.307	41	206466	165.271	ug/l	95
42) 1,2-Dichloroethane	8.234	62	421023	156.012	ug/l	93
43) Isopropyl Acetate	8.270	43	722478	157.034	ug/l	96
44) Trichloroethene	8.935	130	343575	156.630	ug/l	99
45) 1,2-Dichloropropane	9.215	63	351527	158.564	ug/l	97
46) Dibromomethane	9.301	93	224324	158.272	ug/l	97
47) Bromodichloromethane	9.496	83	513880	156.199	ug/l	98
48) Methyl methacrylate	9.288	41	318681	158.595	ug/l	87
49) 1,4-Dioxane	9.307	88	102959	3242.928	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	2179516	757.265	ug/l	90
52) Toluene	10.239	92	781562	159.374	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	563084	163.118	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	591589	161.432	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	341438	153.342	ug/l	97
56) Ethyl methacrylate	10.508	69	528340	163.651	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	556646	156.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	1569268	834.201	ug/l	95
59) 2-Hexanone	10.831	43	1672577	748.904	ug/l	88
60) Dibromochloromethane	10.983	129	406444	158.037	ug/l	99
61) 1,2-Dibromoethane	11.087	107	327806	157.533	ug/l	99
64) Tetrachloroethene	10.721	164	344940	152.920	ug/l	98
65) Chlorobenzene	11.514	112	912551	153.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	378100	154.949	ug/l	99
67) Ethyl Benzene	11.593	91	1593755	156.897	ug/l	98
68) m/p-Xylenes	11.703	106	1218627	315.594	ug/l	95
69) o-Xylene	12.026	106	606117	157.812	ug/l	97
70) Styrene	12.044	104	1055063	157.354	ug/l	97
71) Bromoform	12.203	173	287839	158.194	ug/l #	99
73) Isopropylbenzene	12.331	105	1587025	158.256	ug/l	100
74) N-amyl acetate	12.142	43	614783	158.648	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	465538	157.156	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	343608m	149.937	ug/l	
77) Bromobenzene	12.605	156	396736	159.921	ug/l	94
78) n-propylbenzene	12.672	91	1894120	157.689	ug/l	99
79) 2-Chlorotoluene	12.757	91	1093116	158.029	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1319534	157.887	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	166122	167.804	ug/l	91
82) 4-Chlorotoluene	12.855	91	1139260	157.362	ug/l	100
83) tert-Butylbenzene	13.074	119	1194310	156.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1323789	157.667	ug/l	98
85) sec-Butylbenzene	13.251	105	1744842	155.679	ug/l	100
86) p-Isopropyltoluene	13.367	119	1457460	156.155	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	768034	154.623	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	766706	152.666	ug/l	99
89) n-Butylbenzene	13.696	91	1363510	153.527	ug/l	96
90) Hexachloroethane	13.958	117	290598	159.513	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	717394	153.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	91569	154.053	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	472446	155.169	ug/l	99
94) Hexachlorobutadiene	15.111	225	235322	148.331	ug/l	98
95) Naphthalene	15.232	128	1297857	159.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	437737	153.443	ug/l	98

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

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