

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017945.D
 Acq On : 16 Apr 2024 13:04
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 17 06:08:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	457401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	700310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	628864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	293754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	582739	147.223	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 294.440%#			
35) Dibromofluoromethane	7.722	113	669462	154.951	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 309.900%#			
50) Toluene-d8	10.179	98	2582176	157.506	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 315.020%#			
62) 4-Bromofluorobenzene	12.483	95	809991	159.532	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 319.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	479512	132.146	ug/l	99
3) Chloromethane	2.113	50	769761	128.024	ug/l	98
4) Vinyl Chloride	2.247	62	883204	130.323	ug/l	100
5) Bromomethane	2.637	94	656612	145.563	ug/l	98
6) Chloroethane	2.790	64	583514	136.382	ug/l	98
7) Trichlorofluoromethane	3.119	101	1046699	137.044	ug/l	95
8) Diethyl Ether	3.527	74	354514	146.889	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	654925	137.698	ug/l	98
10) Methyl Iodide	4.088	142	952609	150.547	ug/l	98
11) Tert butyl alcohol	4.960	59	200061	735.167	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	658662	142.652	ug/l	98
13) Acrolein	3.729	56	249655	809.855	ug/l	99
14) Allyl chloride	4.478	41	867747	145.222	ug/l	96
15) Acrylonitrile	5.161	53	711314	725.885	ug/l	99
16) Acetone	3.942	43	556379	711.391	ug/l	93
17) Carbon Disulfide	4.192	76	2016562	137.290	ug/l	99
18) Methyl Acetate	4.472	43	272911	132.643	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	1542111	153.248	ug/l	99
20) Methylene Chloride	4.710	84	714796	134.903	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	730811	144.484	ug/l	98
22) Diisopropyl ether	6.118	45	1908236	145.674	ug/l	100
23) Vinyl Acetate	6.057	43	5887053	757.882	ug/l	100
24) 1,1-Dichloroethane	6.015	63	1228755	143.667	ug/l	99
25) 2-Butanone	6.984	43	858361	746.669	ug/l	96
26) 2,2-Dichloropropane	6.984	77	998681	145.543	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	873232	151.163	ug/l	100
28) Bromochloromethane	7.332	49	483057	143.583	ug/l	99
29) Tetrahydrofuran	7.350	42	539706	739.806	ug/l	99
30) Chloroform	7.508	83	1254340	143.499	ug/l	100
31) Cyclohexane	7.783	56	1017613	134.502	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	1056419	145.104	ug/l	99
36) 1,1-Dichloropropene	7.917	75	921098	146.595	ug/l	99
37) Ethyl Acetate	7.076	43	385168	148.997	ug/l #	97
38) Carbon Tetrachloride	7.905	117	951199	149.844	ug/l	98
39) Methylcyclohexane	9.185	83	1245783	152.146	ug/l	98
40) Benzene	8.161	78	2916526	148.189	ug/l	99

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41) Methacrylonitrile	7.332	41	257257m	157.676	ug/l	
42) 1,2-Dichloroethane	8.240	62	668416	148.222	ug/l	99
43) Isopropyl Acetate	8.270	43	747277	155.076	ug/l	98
44) Trichloroethene	8.941	130	761530	152.267	ug/l	99
45) 1,2-Dichloropropane	9.215	63	670902	148.087	ug/l	99
46) Dibromomethane	9.307	93	383628	153.084	ug/l	97
47) Bromodichloromethane	9.496	83	956745	152.175	ug/l	98
48) Methyl methacrylate	9.295	41	349926	158.474	ug/l	99
49) 1,4-Dioxane	9.301	88	89663	3134.159	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	1977243	774.010	ug/l	99
52) Toluene	10.246	92	1847364	152.965	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	915438	159.492	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	1097064	155.589	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	518175	152.110	ug/l	98
56) Ethyl methacrylate	10.508	69	738767	166.348	ug/l	98
57) 1,3-Dichloropropane	10.788	76	871529	151.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	1871475	810.690	ug/l	100
59) 2-Hexanone	10.831	43	1393264	798.975	ug/l	99
60) Dibromochloromethane	10.983	129	690896	157.805	ug/l	99
61) 1,2-Dibromoethane	11.087	107	494379	155.720	ug/l	99
64) Tetrachloroethene	10.721	164	685235	152.109	ug/l	99
65) Chlorobenzene	11.514	112	2057253	149.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	705577	155.253	ug/l	99
67) Ethyl Benzene	11.593	91	3568747	153.780	ug/l	97
68) m/p-Xylenes	11.703	106	2747557	308.255	ug/l	99
69) o-Xylene	12.026	106	1318957	158.458	ug/l	99
70) Styrene	12.044	104	2248321	159.815	ug/l	99
71) Bromoform	12.209	173	402975	153.468	ug/l #	98
73) Isopropylbenzene	12.331	105	3286287	153.531	ug/l	98
74) N-amyl acetate	12.142	43	694458	160.722	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	580677	145.458	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	392451m	142.729	ug/l	
77) Bromobenzene	12.611	156	807985	155.984	ug/l	97
78) n-propylbenzene	12.672	91	3901371	150.224	ug/l	98
79) 2-Chlorotoluene	12.757	91	2199356	151.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	2610426	153.803	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	209903	157.002	ug/l	95
82) 4-Chlorotoluene	12.855	91	2252253	149.602	ug/l	98
83) tert-Butylbenzene	13.074	119	2430106	156.763	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	2644273	156.445	ug/l	98
85) sec-Butylbenzene	13.251	105	3483715	149.619	ug/l	98
86) p-Isopropyltoluene	13.367	119	3004361	157.029	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	1573617	153.113	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	1503026	148.974	ug/l	99
89) n-Butylbenzene	13.696	91	2730390	151.692	ug/l	99
90) Hexachloroethane	13.958	117	596947	152.158	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	1335373	150.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	76370	148.727	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	841527	162.977	ug/l	99
94) Hexachlorobutadiene	15.111	225	467308	152.559	ug/l	99
95) Naphthalene	15.233	128	1482056	174.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	704739	162.658	ug/l	100

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

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