

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016146.D
 Acq On : 31 Oct 2023 14:13
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 01 03:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	237247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	177148	107.984	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 215.960%#			
35) Dibromofluoromethane	7.728	113	175449	107.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 214.620%#			
50) Toluene-d8	10.191	98	713832	110.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 220.240%#			
62) 4-Bromofluorobenzene	12.489	95	237786	107.276	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 214.560%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121397	108.552	ug/l	98
3) Chloromethane	2.119	50	158071	102.088	ug/l	99
4) Vinyl Chloride	2.253	62	173414	108.513	ug/l	97
5) Bromomethane	2.650	94	116831	108.327	ug/l	99
6) Chloroethane	2.796	64	121274	107.791	ug/l	92
7) Trichlorofluoromethane	3.131	101	257787	106.850	ug/l	98
8) Diethyl Ether	3.534	74	86560	108.251	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	160058	105.308	ug/l	97
10) Methyl Iodide	4.100	142	188892	111.763	ug/l	98
11) Tert butyl alcohol	4.966	59	58438	476.773	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	146935	105.918	ug/l	91
13) Acrolein	3.735	56	58665	530.303	ug/l	99
14) Allyl chloride	4.485	41	211201	106.438	ug/l #	94
15) Acrylonitrile	5.167	53	184309	539.403	ug/l	97
16) Acetone	3.954	43	135701	540.354	ug/l	93
17) Carbon Disulfide	4.204	76	381516	110.156	ug/l	98
18) Methyl Acetate	4.485	43	141565	107.304	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	434808	110.190	ug/l	99
20) Methylene Chloride	4.722	84	169956	105.221	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	172552	106.784	ug/l	95
22) Diisopropyl ether	6.131	45	523643	109.106	ug/l	88
23) Vinyl Acetate	6.070	43	1292646	548.563	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	310048	107.941	ug/l	97
25) 2-Butanone	6.990	43	231699	511.932	ug/l	91
26) 2,2-Dichloropropane	6.990	77	294345	108.402	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	204589	107.585	ug/l	93
28) Bromochloromethane	7.344	49	109213	101.606	ug/l	88
29) Tetrahydrofuran	7.356	42	153407	540.709	ug/l	89
30) Chloroform	7.515	83	331809	106.103	ug/l	98
31) Cyclohexane	7.795	56	251003	99.532	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	304527	106.183	ug/l	97
36) 1,1-Dichloropropene	7.929	75	249408	105.643	ug/l	99
37) Ethyl Acetate	7.082	43	112550	107.035	ug/l	95
38) Carbon Tetrachloride	7.911	117	262069	112.046	ug/l	98
39) Methylcyclohexane	9.191	83	304875	108.186	ug/l	94
40) Benzene	8.167	78	717783	105.903	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	62108	101.757	ug/l	91
42) 1,2-Dichloroethane	8.246	62	199540	105.496	ug/l	94
43) Isopropyl Acetate	8.283	43	227788	109.515	ug/l	93
44) Trichloroethene	8.947	130	209942	105.847	ug/l	97
45) 1,2-Dichloropropane	9.228	63	176990	108.551	ug/l	97
46) Dibromomethane	9.313	93	99397	107.465	ug/l	97
47) Bromodichloromethane	9.508	83	255551	108.744	ug/l	98
48) Methyl methacrylate	9.301	41	104898	110.908	ug/l	89
49) 1,4-Dioxane	9.307	88	22865	2163.669	ug/l #	71
51) 4-Methyl-2-Pentanone	10.081	43	568017	547.310	ug/l	91
52) Toluene	10.252	92	471864	107.438	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	257709	109.852	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	299726	108.882	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	139469	107.198	ug/l	96
56) Ethyl methacrylate	10.520	69	191322	113.231	ug/l	87
57) 1,3-Dichloropropane	10.801	76	236159	106.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	435026	530.956	ug/l	92
59) 2-Hexanone	10.843	43	389863	548.186	ug/l	89
60) Dibromochloromethane	10.996	129	176482	108.123	ug/l	99
61) 1,2-Dibromoethane	11.099	107	132810	107.320	ug/l	100
64) Tetrachloroethene	10.727	164	217444	103.040	ug/l	98
65) Chlorobenzene	11.526	112	503663	106.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	189668	108.640	ug/l	99
67) Ethyl Benzene	11.605	91	919035	109.010	ug/l	97
68) m/p-Xylenes	11.715	106	709967	217.931	ug/l	94
69) o-Xylene	12.038	106	339632	109.190	ug/l	96
70) Styrene	12.056	104	566005	109.460	ug/l	97
71) Bromoform	12.215	173	107008	110.486	ug/l #	99
73) Isopropylbenzene	12.337	105	904020	107.845	ug/l	100
74) N-amyl acetate	12.154	43	205226	112.663	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	144097	108.029	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	106071m	89.948	ug/l	
77) Bromobenzene	12.617	156	204141	107.551	ug/l	95
78) n-propylbenzene	12.684	91	1061894	107.149	ug/l	99
79) 2-Chlorotoluene	12.770	91	590456	106.822	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	730138	107.511	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	54406	112.096	ug/l	92
82) 4-Chlorotoluene	12.867	91	606764	106.900	ug/l	98
83) tert-Butylbenzene	13.087	119	654330	107.681	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	715166	106.424	ug/l	98
85) sec-Butylbenzene	13.263	105	951863	106.727	ug/l	99
86) p-Isopropyltoluene	13.379	119	790832	106.988	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	399893	106.527	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	390557	105.265	ug/l	99
89) n-Butylbenzene	13.702	91	711467	104.753	ug/l	96
90) Hexachloroethane	13.971	117	144163	113.174	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	345148	106.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	24233	101.513	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	202655	101.232	ug/l	99
94) Hexachlorobutadiene	15.123	225	105534	96.473	ug/l	99
95) Naphthalene	15.245	128	404853	104.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	173183	101.272	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:01:33 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

