

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010411.D
 Acq On : 09 Sep 2022 11:29
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 09 16:52:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	264478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	369603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	14631	5.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.980%#		
35) Dibromofluoromethane	7.710	113	14151	4.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.640%#		
50) Toluene-d8	10.179	98	55157	5.794	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.580%#		
62) 4-Bromofluorobenzene	12.483	95	19199	4.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	8.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	10732	5.296	ug/l	93
3) Chloromethane	2.107	50	15688	5.280	ug/l	97
4) Vinyl Chloride	2.247	62	18716	5.106	ug/l	95
5) Bromomethane	2.644	94	14746	5.742	ug/l	98
6) Chloroethane	2.784	64	12697	5.178	ug/l	97
7) Trichlorofluoromethane	3.119	101	24119	5.194	ug/l	96
8) Diethyl Ether	3.528	74	7803	5.188	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	14176	5.214	ug/l	95
10) Methyl Iodide	4.088	142	15157	4.505	ug/l	93
11) Tert butyl alcohol	4.942	59	11625	32.344	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	12999	5.097	ug/l	83
13) Acrolein	3.729	56	6635	26.110	ug/l	96
14) Allyl chloride	4.473	41	18538	5.047	ug/l #	94
15) Acrylonitrile	5.161	53	18370	25.233	ug/l	97
16) Acetone	3.942	43	16151	26.421	ug/l	90
17) Carbon Disulfide	4.186	76	33539	4.863	ug/l	100
18) Methyl Acetate	4.473	43	11120	5.913	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	35956	5.105	ug/l	94
20) Methylene Chloride	4.704	84	27682	7.420	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	14908	5.148	ug/l	84
22) Diisopropyl ether	6.112	45	40806	4.977	ug/l	94
23) Vinyl Acetate	6.058	43	112274	22.343	ug/l #	87
24) 1,1-Dichloroethane	6.009	63	25260	5.089	ug/l	97
25) 2-Butanone	6.978	43	26360	27.134	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	26850	5.668	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	17345	5.153	ug/l	92
28) Bromochloromethane	7.332	49	9329	5.861	ug/l #	78
29) Tetrahydrofuran	7.344	42	14874	24.532	ug/l #	84
30) Chloroform	7.502	83	27056	5.138	ug/l	97
31) Cyclohexane	7.783	56	25593	5.687	ug/l #	72
32) 1,1,1-Trichloroethane	7.698	97	23847	5.002	ug/l	96
36) 1,1-Dichloropropene	7.911	75	20418	5.078	ug/l	96
37) Ethyl Acetate	7.070	43	10682	5.053	ug/l #	96
38) Carbon Tetrachloride	7.893	117	22015	4.921	ug/l	97
39) Methylcyclohexane	9.179	83	25216	5.029	ug/l	89
40) Benzene	8.155	78	58996	5.097	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	5587m	4.873	ug/l	
42) 1,2-Dichloroethane	8.234	62	17612	5.117	ug/l	91
43) Isopropyl Acetate	8.271	43	18670	4.826	ug/l #	89
44) Trichloroethene	8.935	130	17305	5.079	ug/l	94
45) 1,2-Dichloropropane	9.216	63	14377	5.093	ug/l	96
46) Dibromomethane	9.301	93	8696	5.108	ug/l	97
47) Bromodichloromethane	9.496	83	20024	4.952	ug/l	98
48) Methyl methacrylate	9.289	41	7735	4.452	ug/l #	79
49) 1,4-Dioxane	9.295	88	2167	96.159	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	49798	23.469	ug/l	89
52) Toluene	10.240	92	37839	4.995	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	20359	4.892	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	23411	4.988	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	12778	5.277	ug/l	89
56) Ethyl methacrylate	10.508	69	15050	4.732	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	20242	5.027	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	38149	35.261	ug/l	92
59) 2-Hexanone	10.831	43	32097	22.191	ug/l	86
60) Dibromochloromethane	10.984	129	14495	4.898	ug/l	99
61) 1,2-Dibromoethane	11.087	107	12017	5.112	ug/l	100
64) Tetrachloroethene	10.715	164	17247	5.177	ug/l	98
65) Chlorobenzene	11.514	112	43124	5.217	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	15393	5.028	ug/l	98
67) Ethyl Benzene	11.593	91	74170	5.070	ug/l	99
68) m/p-Xylenes	11.703	106	57205	9.961	ug/l	93
69) o-Xylene	12.026	106	27196	4.959	ug/l	94
70) Styrene	12.044	104	45356	4.887	ug/l	95
71) Bromoform	12.209	173	9225	4.820	ug/l #	98
73) Isopropylbenzene	12.331	105	73328	4.984	ug/l	99
74) N-amyl acetate	12.142	43	14585	4.249	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	13965	5.074	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	10085m	4.920	ug/l	
77) Bromobenzene	12.605	156	17802	5.107	ug/l	90
78) n-propylbenzene	12.672	91	86578	4.970	ug/l	96
79) 2-Chlorotoluene	12.758	91	50054	5.115	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	61965	4.992	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	4373	4.666	ug/l	91
82) 4-Chlorotoluene	12.855	91	51217	5.031	ug/l	96
83) tert-Butylbenzene	13.075	119	54082	4.985	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	60056	4.945	ug/l	98
85) sec-Butylbenzene	13.251	105	81300	5.061	ug/l	99
86) p-Isopropyltoluene	13.367	119	66710	4.909	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	36427	5.204	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	36506	5.266	ug/l	96
89) n-Butylbenzene	13.697	91	61616	4.995	ug/l	99
90) Hexachloroethane	13.959	117	13475	5.281	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	32453	5.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2441	5.255	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	19197	4.985	ug/l	94
94) Hexachlorobutadiene	15.111	225	12416	5.344	ug/l	95
95) Naphthalene	15.233	128	36435	4.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	17162	5.105	ug/l	99

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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

