

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016890.D
 Acq On : 02 Jan 2024 12:20
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Quant Time: Jan 02 13:52:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 13:45:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	138979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	194482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69492	50.591	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.180%			
35) Dibromofluoromethane	7.728	113	75061	51.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.191	98	269811	53.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.660%			
62) 4-Bromofluorobenzene	12.489	95	87448	51.712	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53987	51.885	ug/l	96
3) Chloromethane	2.119	50	83113	50.908	ug/l	99
4) Vinyl Chloride	2.259	62	99848	51.849	ug/l	99
5) Bromomethane	2.662	94	67191	48.703	ug/l	100
6) Chloroethane	2.802	64	66923	51.374	ug/l	98
7) Trichlorofluoromethane	3.137	101	122729	51.724	ug/l	98
8) Diethyl Ether	3.534	74	40264	53.098	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	78665	50.988	ug/l	99
10) Methyl Iodide	4.107	142	73536	56.026	ug/l	100
11) Tert butyl alcohol	4.966	59	25968	261.382	ug/l	99
12) 1,1-Dichloroethene	3.881	96	68631	51.847	ug/l	96
13) Acrolein	3.735	56	36918	246.344	ug/l	96
14) Allyl chloride	4.491	41	111137	53.108	ug/l	98
15) Acrylonitrile	5.173	53	91980	259.325	ug/l	99
16) Acetone	3.954	43	86948	257.560	ug/l	100
17) Carbon Disulfide	4.204	76	174119	55.050	ug/l	100
18) Methyl Acetate	4.485	43	85186	57.885	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	184713	53.636	ug/l	100
20) Methylene Chloride	4.728	84	91858	52.256	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	80153	52.869	ug/l	98
22) Diisopropyl ether	6.131	45	263764	54.519	ug/l	95
23) Vinyl Acetate	6.070	43	582872	262.751	ug/l	99
24) 1,1-Dichloroethane	6.033	63	152613	52.493	ug/l	99
25) 2-Butanone	6.996	43	122467	261.715	ug/l	99
26) 2,2-Dichloropropane	6.990	77	130868	51.916	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	93801	52.781	ug/l	97
28) Bromochloromethane	7.344	49	62549	57.308	ug/l	99
29) Tetrahydrofuran	7.356	42	73930	265.921	ug/l	97
30) Chloroform	7.515	83	156047	52.084	ug/l	99
31) Cyclohexane	7.795	56	121442	51.512	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	133057	52.377	ug/l	99
36) 1,1-Dichloropropene	7.929	75	114474	53.965	ug/l	99
37) Ethyl Acetate	7.082	43	51299	53.216	ug/l	100
38) Carbon Tetrachloride	7.911	117	114801	53.268	ug/l	99
39) Methylcyclohexane	9.191	83	133808	56.112	ug/l	98
40) Benzene	8.167	78	341226	53.624	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24695	48.642	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	88994	52.681	ug/l	100
43) Isopropyl Acetate	8.283	43	97706	52.929	ug/l	100
44) Trichloroethene	8.947	130	87017	53.741	ug/l	93
45) 1,2-Dichloropropane	9.228	63	87565	53.415	ug/l	97
46) Dibromomethane	9.313	93	44440	53.154	ug/l	99
47) Bromodichloromethane	9.508	83	118844	52.935	ug/l	96
48) Methyl methacrylate	9.301	41	55383	55.592	ug/l	99
49) 1,4-Dioxane	9.307	88	8986	1038.028	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	270335	275.364	ug/l	100
52) Toluene	10.252	92	208957	54.412	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	109698	54.549	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	131034	54.257	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	64533	52.834	ug/l	95
56) Ethyl methacrylate	10.520	69	57622	55.697	ug/l	97
57) 1,3-Dichloropropane	10.794	76	108292	53.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	167430	256.686	ug/l	99
59) 2-Hexanone	10.837	43	187197	258.959	ug/l	100
60) Dibromochloromethane	10.996	129	75658	53.713	ug/l	99
61) 1,2-Dibromoethane	11.099	107	57641	54.316	ug/l	100
64) Tetrachloroethene	10.727	164	67292	53.370	ug/l	96
65) Chlorobenzene	11.526	112	215513	53.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	83047	53.923	ug/l	100
67) Ethyl Benzene	11.599	91	403996	55.388	ug/l	98
68) m/p-Xylenes	11.709	106	299097	111.715	ug/l	99
69) o-Xylene	12.038	106	140714	56.063	ug/l	99
70) Styrene	12.050	104	209019	57.219	ug/l	99
71) Bromoform	12.215	173	41405	54.611	ug/l #	100
73) Isopropylbenzene	12.337	105	385019	55.008	ug/l	100
74) N-amyl acetate	12.148	43	76831	54.634	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	73389	51.460	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	54585m	59.149	ug/l	
77) Bromobenzene	12.617	156	81123	52.641	ug/l	100
78) n-propylbenzene	12.678	91	467993	54.998	ug/l	100
79) 2-Chlorotoluene	12.764	91	253832	53.794	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	305892	55.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21228	51.824	ug/l	99
82) 4-Chlorotoluene	12.861	91	258603	53.645	ug/l	100
83) tert-Butylbenzene	13.081	119	264174	54.182	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	300777	55.173	ug/l	98
85) sec-Butylbenzene	13.263	105	396626	54.900	ug/l	99
86) p-Isopropyltoluene	13.379	119	332719	55.803	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	160414	53.076	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	155227	52.511	ug/l	99
89) n-Butylbenzene	13.702	91	318482	55.555	ug/l	100
90) Hexachloroethane	13.971	117	67759	52.886	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	138044	52.852	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8909	49.816	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	72443	55.854	ug/l	99
94) Hexachlorobutadiene	15.123	225	43449	53.475	ug/l	99
95) Naphthalene	15.245	128	131977	55.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	61051	55.436	ug/l	98

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

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