

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017382.D
 Acq On : 14 Feb 2024 16:59
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021424

Quant Time: Feb 15 03:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:28:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	103734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	152683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	68706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60985	55.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.800%			
35) Dibromofluoromethane	7.734	113	60975	53.781	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.560%			
50) Toluene-d8	10.191	98	243727	55.480	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.960%			
62) 4-Bromofluorobenzene	12.495	95	75087	55.754	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47531	53.796	ug/l	96
3) Chloromethane	2.119	50	98907	59.167	ug/l	100
4) Vinyl Chloride	2.253	62	123517	61.920	ug/l	97
5) Bromomethane	2.656	94	84745	59.849	ug/l	97
6) Chloroethane	2.802	64	77339	60.844	ug/l	96
7) Trichlorofluoromethane	3.131	101	109915	54.842	ug/l	100
8) Diethyl Ether	3.534	74	31038	53.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	61637	51.118	ug/l	97
10) Methyl Iodide	4.107	142	63256	53.372	ug/l	100
11) Tert butyl alcohol	4.966	59	20144	322.795	ug/l	96
12) 1,1-Dichloroethene	3.881	96	58402	52.513	ug/l	93
13) Acrolein	3.741	56	30647	257.642	ug/l	97
14) Allyl chloride	4.491	41	90395	54.969	ug/l	96
15) Acrylonitrile	5.174	53	68954	276.981	ug/l	100
16) Acetone	3.954	43	70546	272.754	ug/l	100
17) Carbon Disulfide	4.204	76	185827	52.379	ug/l	100
18) Methyl Acetate	4.485	43	61007	59.234	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	139166	56.292	ug/l	95
20) Methylene Chloride	4.729	84	65343	54.984	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	68963	54.278	ug/l	98
22) Diisopropyl ether	6.137	45	200781	56.974	ug/l	95
23) Vinyl Acetate	6.076	43	474539	263.998	ug/l	99
24) 1,1-Dichloroethane	6.033	63	118579	53.930	ug/l	98
25) 2-Butanone	7.003	43	96241	267.330	ug/l	97
26) 2,2-Dichloropropane	6.996	77	104220	55.341	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	74876	54.737	ug/l	98
28) Bromochloromethane	7.344	49	48897	58.955	ug/l	96
29) Tetrahydrofuran	7.362	42	58301	292.022	ug/l	98
30) Chloroform	7.521	83	117645	53.658	ug/l	99
31) Cyclohexane	7.801	56	109869	52.430	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	104580	53.760	ug/l	99
36) 1,1-Dichloropropene	7.929	75	97200	52.361	ug/l	99
37) Ethyl Acetate	7.088	43	40663	53.880	ug/l	99
38) Carbon Tetrachloride	7.917	117	92536	51.949	ug/l	98
39) Methylcyclohexane	9.197	83	118340	53.242	ug/l	99
40) Benzene	8.173	78	277631	53.381	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22949	59.662	ug/l	96
42) 1,2-Dichloroethane	8.246	62	71895	54.315	ug/l	100
43) Isopropyl Acetate	8.289	43	75991	56.211	ug/l	100
44) Trichloroethene	8.953	130	69367	51.614	ug/l	100
45) 1,2-Dichloropropane	9.228	63	68687	54.875	ug/l	97
46) Dibromomethane	9.319	93	35123	54.076	ug/l	96
47) Bromodichloromethane	9.508	83	89263	53.433	ug/l	99
48) Methyl methacrylate	9.307	41	43613	61.188	ug/l	99
49) 1,4-Dioxane	9.307	88	7701	1150.665	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	208041	283.231	ug/l	100
52) Toluene	10.258	92	171360	54.218	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	86008	55.573	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	103130	54.434	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	47687	53.535	ug/l	98
56) Ethyl methacrylate	10.520	69	45152	49.731	ug/l	98
57) 1,3-Dichloropropane	10.801	76	83558	54.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	130964	224.904	ug/l	98
59) 2-Hexanone	10.843	43	147516	279.469	ug/l	99
60) Dibromochloromethane	10.996	129	55366	53.519	ug/l	99
61) 1,2-Dibromoethane	11.105	107	43925	53.770	ug/l	100
64) Tetrachloroethene	10.734	164	57148	50.625	ug/l	98
65) Chlorobenzene	11.532	112	170965	52.816	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	61241	52.596	ug/l	98
67) Ethyl Benzene	11.605	91	329068	55.190	ug/l	99
68) m/p-Xylenes	11.715	106	244281	108.662	ug/l	98
69) o-Xylene	12.038	106	111084	54.622	ug/l	99
70) Styrene	12.057	104	164456	52.709	ug/l	99
71) Bromoform	12.221	173	29337	51.969	ug/l #	98
73) Isopropylbenzene	12.343	105	302447	52.823	ug/l	100
74) N-amyl acetate	12.154	43	63509	56.101	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	53389	52.030	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	38005m	55.350	ug/l	
77) Bromobenzene	12.623	156	62928	52.189	ug/l	98
78) n-propylbenzene	12.684	91	373035	52.921	ug/l	100
79) 2-Chlorotoluene	12.770	91	198467	51.596	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	243592	54.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	17397	56.101	ug/l	97
82) 4-Chlorotoluene	12.867	91	210073	53.051	ug/l	100
83) tert-Butylbenzene	13.087	119	209768	53.379	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	242349	54.558	ug/l	99
85) sec-Butylbenzene	13.264	105	315653	52.641	ug/l	100
86) p-Isopropyltoluene	13.379	119	265375	54.691	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	125181	51.296	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	121166	51.041	ug/l	98
89) n-Butylbenzene	13.709	91	259725	55.105	ug/l	99
90) Hexachloroethane	13.971	117	52985	52.681	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	105879	52.646	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6961	54.625	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	55711	55.522	ug/l	99
94) Hexachlorobutadiene	15.123	225	31614	51.047	ug/l	100
95) Naphthalene	15.245	128	105858	60.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	46563	55.312	ug/l	97

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

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