

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017797.D
 Acq On : 29 Mar 2024 17:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032924

Quant Time: Mar 30 06:03:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	219076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106085	55.960	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.920%			
35) Dibromofluoromethane	7.716	113	108949	54.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.780%			
50) Toluene-d8	10.179	98	411152	54.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.483	95	126196	55.432	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73924	50.457	ug/l	95
3) Chloromethane	2.113	50	170864	59.753	ug/l	100
4) Vinyl Chloride	2.247	62	219637	58.773	ug/l	100
5) Bromomethane	2.650	94	176454	58.398	ug/l	98
6) Chloroethane	2.790	64	143999	59.059	ug/l	98
7) Trichlorofluoromethane	3.119	101	194621	53.404	ug/l	98
8) Diethyl Ether	3.527	74	58181	54.349	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	110903	50.744	ug/l	98
10) Methyl Iodide	4.094	142	126677	53.299	ug/l	99
11) Tert butyl alcohol	4.948	59	41482	296.683	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	106896	52.268	ug/l	94
13) Acrolein	3.723	56	36611	275.652	ug/l	100
14) Allyl chloride	4.479	41	139379	55.551	ug/l	99
15) Acrylonitrile	5.155	53	122534	271.166	ug/l	99
16) Acetone	3.942	43	114900	293.213	ug/l	94
17) Carbon Disulfide	4.192	76	327832	56.643	ug/l	98
18) Methyl Acetate	4.472	43	48369	55.727	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	261026	55.742	ug/l	99
20) Methylene Chloride	4.710	84	134585	56.386	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	118733	54.253	ug/l	96
22) Diisopropyl ether	6.118	45	328165	56.588	ug/l	98
23) Vinyl Acetate	6.058	43	1022375	288.747	ug/l	97
24) 1,1-Dichloroethane	6.015	63	209716	54.485	ug/l	97
25) 2-Butanone	6.984	43	157566	282.255	ug/l	94
26) 2,2-Dichloropropane	6.978	77	175664	52.840	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	141397	54.668	ug/l	95
28) Bromochloromethane	7.332	49	98799	63.120	ug/l	91
29) Tetrahydrofuran	7.344	42	95595	285.391	ug/l	97
30) Chloroform	7.502	83	215932	54.069	ug/l	98
31) Cyclohexane	7.783	56	175478	52.544	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	181378	53.361	ug/l	97
36) 1,1-Dichloropropene	7.917	75	156673	53.604	ug/l	97
37) Ethyl Acetate	7.070	43	70174	55.636	ug/l	98
38) Carbon Tetrachloride	7.899	117	162356	53.509	ug/l	99
39) Methylcyclohexane	9.185	83	197358	54.058	ug/l	96
40) Benzene	8.161	78	486385	53.998	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	48025m	63.363	ug/l	
42) 1,2-Dichloroethane	8.234	62	122720	55.354	ug/l	98
43) Isopropyl Acetate	8.271	43	127061	55.509	ug/l	97
44) Trichloroethene	8.941	130	122330	52.200	ug/l	98
45) 1,2-Dichloropropane	9.215	63	114053	54.491	ug/l	96
46) Dibromomethane	9.301	93	63901	53.738	ug/l	99
47) Bromodichloromethane	9.496	83	162912	54.220	ug/l	98
48) Methyl methacrylate	9.289	41	59268	59.211	ug/l	97
49) 1,4-Dioxane	9.295	88	14367	1076.238	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	348705	298.284	ug/l	98
52) Toluene	10.246	92	297478	54.447	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	148162	55.536	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	177414	54.488	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	84734	53.477	ug/l	95
56) Ethyl methacrylate	10.508	69	114307	57.299	ug/l	95
57) 1,3-Dichloropropane	10.788	76	148563	55.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	294529	290.454	ug/l	98
59) 2-Hexanone	10.831	43	246306	296.089	ug/l	98
60) Dibromochloromethane	10.983	129	109676	54.881	ug/l	97
61) 1,2-Dibromoethane	11.087	107	78863	54.584	ug/l	100
64) Tetrachloroethene	10.721	164	136439	51.697	ug/l	98
65) Chlorobenzene	11.514	112	323295	52.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	109658	52.030	ug/l	99
67) Ethyl Benzene	11.593	91	570671	53.481	ug/l	99
68) m/p-Xylenes	11.703	106	431845	106.715	ug/l	97
69) o-Xylene	12.032	106	201274	58.294	ug/l	97
70) Styrene	12.044	104	347364	58.352	ug/l	100
71) Bromoform	12.209	173	61855	52.946	ug/l #	98
73) Isopropylbenzene	12.331	105	522109	52.378	ug/l	100
74) N-amyl acetate	12.142	43	112231	57.938	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	91739	53.203	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	57416m	44.297	ug/l	
77) Bromobenzene	12.611	156	122298	51.514	ug/l	97
78) n-propylbenzene	12.672	91	639549	52.581	ug/l	99
79) 2-Chlorotoluene	12.758	91	353666	53.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	415656	53.430	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31997	56.354	ug/l	99
82) 4-Chlorotoluene	12.855	91	360195	52.212	ug/l	99
83) tert-Butylbenzene	13.075	119	378448	53.508	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	412541	53.246	ug/l	99
85) sec-Butylbenzene	13.257	105	555910	52.367	ug/l	100
86) p-Isopropyltoluene	13.373	119	465770	52.492	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	242931	51.569	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	234252	51.953	ug/l	99
89) n-Butylbenzene	13.696	91	427159	52.324	ug/l	99
90) Hexachloroethane	13.965	117	89928	50.968	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	208160	53.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11978	51.405	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	111385	52.078	ug/l	100
94) Hexachlorobutadiene	15.117	225	62771	48.414	ug/l	99
95) Naphthalene	15.239	128	198231	55.566	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	94516	52.316	ug/l	99

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

