

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017794.D
 Acq On : 29 Mar 2024 16:19
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 30 05:46:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 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	276336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	431992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	372493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	175254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	239096	99.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.980%#			
35) Dibromofluoromethane	7.722	113	248034	99.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 198.720%#			
50) Toluene-d8	10.185	98	948272	101.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 203.400%#			
62) 4-Bromofluorobenzene	12.489	95	296903	104.654	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 209.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	169831	91.898	ug/l	100
3) Chloromethane	2.113	50	349065	96.777	ug/l	96
4) Vinyl Chloride	2.247	62	465809	98.819	ug/l	99
5) Bromomethane	2.644	94	359310	94.274	ug/l	97
6) Chloroethane	2.790	64	306348	99.609	ug/l	99
7) Trichlorofluoromethane	3.119	101	447328	97.311	ug/l	99
8) Diethyl Ether	3.527	74	138241	102.377	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	258512	93.773	ug/l	99
10) Methyl Iodide	4.088	142	342939	114.391	ug/l	100
11) Tert butyl alcohol	4.954	59	95566	508.752	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	255028	98.860	ug/l	96
13) Acrolein	3.723	56	82365	491.643	ug/l	99
14) Allyl chloride	4.479	41	326879	103.285	ug/l	100
15) Acrylonitrile	5.155	53	298753	524.141	ug/l	99
16) Acetone	3.942	43	255129	516.155	ug/l	94
17) Carbon Disulfide	4.192	76	775157	106.180	ug/l	99
18) Methyl Acetate	4.472	43	114078	104.197	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	631507	106.915	ug/l	99
20) Methylene Chloride	4.710	84	282697	95.762	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	279103	101.105	ug/l	99
22) Diisopropyl ether	6.118	45	768399	105.045	ug/l	98
23) Vinyl Acetate	6.058	43	2447276	547.958	ug/l	99
24) 1,1-Dichloroethane	6.015	63	489000	100.719	ug/l	97
25) 2-Butanone	6.984	43	381923	542.391	ug/l	95
26) 2,2-Dichloropropane	6.984	77	415799	99.156	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	334029	102.385	ug/l	97
28) Bromochloromethane	7.332	49	194587	98.556	ug/l	96
29) Tetrahydrofuran	7.350	42	234207	554.323	ug/l	99
30) Chloroform	7.508	83	496756	98.613	ug/l	98
31) Cyclohexane	7.789	56	410135	97.361	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	424151	98.928	ug/l	97
36) 1,1-Dichloropropene	7.923	75	374604	102.851	ug/l	97
37) Ethyl Acetate	7.076	43	171413	109.057	ug/l	99
38) Carbon Tetrachloride	7.905	117	379272	100.308	ug/l	99
39) Methylcyclohexane	9.185	83	474133	104.216	ug/l	96
40) Benzene	8.161	78	1144362	101.952	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	108368m	100.764	ug/l	
42) 1,2-Dichloroethane	8.240	62	279757	101.261	ug/l	98
43) Isopropyl Acetate	8.277	43	312760	109.647	ug/l	97
44) Trichloroethene	8.941	130	293347	100.450	ug/l	97
45) 1,2-Dichloropropane	9.222	63	266364	102.124	ug/l	98
46) Dibromomethane	9.307	93	151932	102.530	ug/l	99
47) Bromodichloromethane	9.502	83	379986	101.486	ug/l	99
48) Methyl methacrylate	9.295	41	144430	101.633	ug/l	98
49) 1,4-Dioxane	9.301	88	35187	2115.223	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	838031	504.788	ug/l	100
52) Toluene	10.252	92	697045	102.380	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	360818	108.532	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	431219	106.277	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	199733	101.156	ug/l	93
56) Ethyl methacrylate	10.514	69	290051	100.886	ug/l	98
57) 1,3-Dichloropropane	10.794	76	344221	103.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	708715	483.730	ug/l	98
59) 2-Hexanone	10.837	43	596913	504.847	ug/l	100
60) Dibromochloromethane	10.990	129	258861	103.946	ug/l	99
61) 1,2-Dibromoethane	11.093	107	186705	103.699	ug/l	100
64) Tetrachloroethene	10.727	164	312357	96.142	ug/l	99
65) Chlorobenzene	11.520	112	761387	99.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	267094	102.946	ug/l	100
67) Ethyl Benzene	11.599	91	1376547	104.796	ug/l	99
68) m/p-Xylenes	11.709	106	1041814	209.134	ug/l	98
69) o-Xylene	12.038	106	496072	99.796	ug/l	99
70) Styrene	12.050	104	852785	99.785	ug/l	100
71) Bromoform	12.215	173	155043	107.807	ug/l #	98
73) Isopropylbenzene	12.337	105	1256270	102.287	ug/l	99
74) N-amyl acetate	12.148	43	280745	101.027	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	225275	106.035	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	167331m	104.636	ug/l	
77) Bromobenzene	12.617	156	298600	102.082	ug/l	99
78) n-propylbenzene	12.678	91	1515936	101.155	ug/l	100
79) 2-Chlorotoluene	12.764	91	828043	100.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	989229	103.206	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	82355	102.029	ug/l	98
82) 4-Chlorotoluene	12.861	91	853623	100.427	ug/l	99
83) tert-Butylbenzene	13.081	119	884949	101.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	992687	103.988	ug/l	99
85) sec-Butylbenzene	13.257	105	1311355	100.261	ug/l	99
86) p-Isopropyltoluene	13.373	119	1150474	105.232	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	598472	103.110	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	553355	99.605	ug/l	98
89) n-Butylbenzene	13.702	91	1027694	102.172	ug/l	99
90) Hexachloroethane	13.971	117	214366	98.607	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	484985	100.804	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30240	105.332	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	281208	106.712	ug/l	100
94) Hexachlorobutadiene	15.117	225	153130	95.857	ug/l	98
95) Naphthalene	15.239	128	527047	101.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	242175	108.795	ug/l	98

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

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