

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020616.D
 Acq On : 17 Dec 2024 11:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 18 04:53:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	175469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	270859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	241570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	134321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	177978	92.612	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 185.220%#			
35) Dibromofluoromethane	7.634	113	175849	92.118	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 184.240%#			
50) Toluene-d8	10.103	98	619412	92.704	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 185.400%#			
62) 4-Bromofluorobenzene	12.401	95	234353	89.665	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 179.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	210949	96.249	ug/l	99
3) Chloromethane	2.068	50	149471	92.044	ug/l	98
4) Vinyl Chloride	2.202	62	154262	102.062	ug/l	99
5) Bromomethane	2.586	94	98824	101.715	ug/l	97
6) Chloroethane	2.732	64	95621	102.376	ug/l	99
7) Trichlorofluoromethane	3.055	101	308242	97.464	ug/l	98
8) Diethyl Ether	3.458	74	110471	99.599	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	227753	100.469	ug/l	99
10) Methyl Iodide	4.000	142	272999	108.168	ug/l	98
11) Tert butyl alcohol	4.860	59	92710	533.746	ug/l	100
12) 1,1-Dichloroethene	3.787	96	224015	101.847	ug/l	100
13) Acrolein	3.653	56	32525	357.929	ug/l	98
14) Allyl chloride	4.384	41	401452	104.161	ug/l	99
15) Acrylonitrile	5.055	53	268782	506.539	ug/l	99
16) Acetone	3.872	43	192907	512.024	ug/l	99
17) Carbon Disulfide	4.104	76	734236	102.553	ug/l	99
18) Methyl Acetate	4.384	43	137166	104.906	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	579813	102.132	ug/l	98
20) Methylene Chloride	4.610	84	233323	97.650	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	242695	98.365	ug/l	97
22) Diisopropyl ether	6.018	45	777568	99.391	ug/l	96
23) Vinyl Acetate	5.957	43	2271891	512.739	ug/l	100
24) 1,1-Dichloroethane	5.914	63	456073	99.510	ug/l	99
25) 2-Butanone	6.890	43	341489	478.150	ug/l	99
26) 2,2-Dichloropropane	6.884	77	402163	92.822	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	279676	98.523	ug/l	99
28) Bromochloromethane	7.243	49	175710	113.661	ug/l	98
29) Tetrahydrofuran	7.262	42	230877	512.090	ug/l	100
30) Chloroform	7.420	83	457070	105.160	ug/l	97
31) Cyclohexane	7.701	56	407104	92.899	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	415073	98.578	ug/l	100
36) 1,1-Dichloropropene	7.835	75	337138	96.854	ug/l	99
37) Ethyl Acetate	6.981	43	160241	97.867	ug/l	100
38) Carbon Tetrachloride	7.817	117	377406	97.998	ug/l	100
39) Methylcyclohexane	9.109	83	440006	96.986	ug/l	99
40) Benzene	8.079	78	1000543	98.064	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	99381	114.810	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	270045	99.793	ug/l	100
43) Isopropyl Acetate	8.195	43	318902	102.879	ug/l	99
44) Trichloroethene	8.865	130	245474	97.912	ug/l	99
45) 1,2-Dichloropropane	9.139	63	238605	100.062	ug/l	99
46) Dibromomethane	9.231	93	126063	100.032	ug/l	99
47) Bromodichloromethane	9.420	83	339720	99.796	ug/l	97
48) Methyl methacrylate	9.219	41	154845	105.079	ug/l	99
49) 1,4-Dioxane	9.225	88	29870	2066.774	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	814840	498.015	ug/l	100
52) Toluene	10.170	92	631368	99.573	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	330795	104.287	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	386715	102.884	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	167205	100.352	ug/l	95
56) Ethyl methacrylate	10.438	69	263694	109.090	ug/l	98
57) 1,3-Dichloropropane	10.712	76	299884	100.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.706	63	536306	527.303	ug/l	100
59) 2-Hexanone	10.755	43	548285	521.929	ug/l	99
60) Dibromochloromethane	10.907	129	228154	102.389	ug/l	99
61) 1,2-Dibromoethane	11.011	107	156883	101.225	ug/l	100
64) Tetrachloroethene	10.645	164	215415	94.803	ug/l	97
65) Chlorobenzene	11.438	112	667347	98.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	229790	99.489	ug/l	99
67) Ethyl Benzene	11.517	91	1228775	98.607	ug/l	99
68) m/p-Xylenes	11.627	106	910536	196.521	ug/l	99
69) o-Xylene	11.956	106	428727	99.174	ug/l	97
70) Styrene	11.968	104	725167	100.401	ug/l	100
71) Bromoform	12.133	173	131589	101.332	ug/l #	98
73) Isopropylbenzene	12.255	105	1150948	98.191	ug/l	100
74) N-ethyl acetate	12.066	43	292377	106.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	190664	100.209	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	137213m	99.183	ug/l	
77) Bromobenzene	12.529	156	253587	99.317	ug/l	100
78) n-propylbenzene	12.596	91	1383699	97.980	ug/l	99
79) 2-Chlorotoluene	12.675	91	787764	99.147	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	933106	98.108	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	70365	105.852	ug/l	100
82) 4-Chlorotoluene	12.779	91	804177	97.558	ug/l	100
83) tert-Butylbenzene	12.999	119	853675	99.108	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	921051	98.727	ug/l	99
85) sec-Butylbenzene	13.175	105	1220465	97.450	ug/l	100
86) p-Isopropyltoluene	13.291	119	1023181	99.089	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	492097	97.633	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	482756	96.707	ug/l	99
89) n-Butylbenzene	13.614	91	966758	98.789	ug/l	99
90) Hexachloroethane	13.883	117	202399	98.910	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	430383	98.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30584	99.008	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	276806	104.790	ug/l	99
94) Hexachlorobutadiene	15.023	225	170325	98.635	ug/l	99
95) Naphthalene	15.145	128	511948	113.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	234803	105.207	ug/l	99

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

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