

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010276.D
 Acq On : 02 Sep 2022 13:06
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090222

Quant Time: Sep 02 16:42:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	398919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	644722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	572594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	278903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	206073	50.379	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.760%			
35) Dibromofluoromethane	7.716	113	196230	45.720	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.440%			
50) Toluene-d8	10.179	98	770735	53.636	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.477	95	276784	47.821	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	144607	45.409	ug/l	99
3) Chloromethane	2.107	50	206938	47.593	ug/l	97
4) Vinyl Chloride	2.247	62	229754	48.498	ug/l	98
5) Bromomethane	2.644	94	152604	58.357	ug/l	96
6) Chloroethane	2.790	64	143005	49.348	ug/l	100
7) Trichlorofluoromethane	3.119	101	328876	49.526	ug/l	93
8) Diethyl Ether	3.521	74	116411	49.060	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	201405	49.109	ug/l	94
10) Methyl Iodide	4.082	142	235071	47.644	ug/l	89
11) Tert butyl alcohol	4.948	59	111548	227.946	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	192999	48.600	ug/l	86
13) Acrolein	3.723	56	128370	247.799	ug/l	98
14) Allyl chloride	4.472	41	342289	48.972	ug/l	90
15) Acrylonitrile	5.155	53	304769	246.500	ug/l	97
16) Acetone	3.942	43	256737	251.072	ug/l #	89
17) Carbon Disulfide	4.186	76	569480	47.080	ug/l	99
18) Methyl Acetate	4.466	43	149559	47.129	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	572502	49.314	ug/l	98
20) Methylene Chloride	4.710	84	230892	46.790	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	220382	48.973	ug/l	93
22) Diisopropyl ether	6.112	45	702847	49.478	ug/l	94
23) Vinyl Acetate	6.051	43	2216634	248.873	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	404188	49.392	ug/l	98
25) 2-Butanone	6.978	43	412405	245.746	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	367823	49.349	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	254739	49.533	ug/l	92
28) Bromochloromethane	7.332	49	145937	50.901	ug/l	89
29) Tetrahydrofuran	7.344	42	263109	244.724	ug/l	90
30) Chloroform	7.502	83	401026	49.763	ug/l	99
31) Cyclohexane	7.783	56	369012	46.246	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	366206	49.872	ug/l	96
36) 1,1-Dichloropropene	7.911	75	313099	49.719	ug/l	97
37) Ethyl Acetate	7.070	43	178165	49.346	ug/l #	94
38) Carbon Tetrachloride	7.893	117	326998	50.385	ug/l	97
39) Methylcyclohexane	9.179	83	399183	49.100	ug/l	95
40) Benzene	8.155	78	897343	49.755	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	108488m	53.298	ug/l	
42) 1,2-Dichloroethane	8.234	62	261083	49.928	ug/l	93
43) Isopropyl Acetate	8.271	43	342326	49.740	ug/l #	93
44) Trichloroethene	8.935	130	248588	50.208	ug/l	97
45) 1,2-Dichloropropane	9.216	63	229557	49.959	ug/l	96
46) Dibromomethane	9.301	93	126463	50.109	ug/l	97
47) Bromodichloromethane	9.496	83	314394	50.656	ug/l	99
48) Methyl methacrylate	9.289	41	162349	50.570	ug/l	87
49) 1,4-Dioxane	9.295	88	35752	1029.534	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	895435	252.180	ug/l	91
52) Toluene	10.240	92	577286	50.038	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	335992	50.192	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	377737	50.043	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	181427	50.641	ug/l	100
56) Ethyl methacrylate	10.508	69	266243	50.302	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	312356	50.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	320311	223.985	ug/l	96
59) 2-Hexanone	10.831	43	625524	254.048	ug/l	89
60) Dibromochloromethane	10.983	129	217427	50.365	ug/l	99
61) 1,2-Dibromoethane	11.087	107	175980	50.830	ug/l	99
64) Tetrachloroethene	10.715	164	230111	49.278	ug/l	97
65) Chlorobenzene	11.514	112	611972	50.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	225386	50.306	ug/l	98
67) Ethyl Benzene	11.593	91	1120147	50.133	ug/l	98
68) m/p-Xylenes	11.703	106	861821	100.971	ug/l	95
69) o-Xylene	12.026	106	415981	50.196	ug/l	95
70) Styrene	12.044	104	706461	51.176	ug/l	96
71) Bromoform	12.209	173	140807	50.841	ug/l #	99
73) Isopropylbenzene	12.331	105	1097928	49.342	ug/l	100
74) N-amyl acetate	12.142	43	305526	49.769	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	211406	49.436	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	161496m	48.657	ug/l	
77) Bromobenzene	12.605	156	248068	49.007	ug/l	99
78) n-propylbenzene	12.672	91	1321609	49.478	ug/l	98
79) 2-Chlorotoluene	12.751	91	749538	49.647	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	924521	49.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	79096	49.714	ug/l	87
82) 4-Chlorotoluene	12.855	91	772967	49.724	ug/l	100
83) tert-Butylbenzene	13.075	119	811812	50.121	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	908398	49.618	ug/l	99
85) sec-Butylbenzene	13.251	105	1196588	49.956	ug/l	100
86) p-Isopropyltoluene	13.367	119	988080	49.940	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	492049	50.062	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	488000	49.938	ug/l	98
89) n-Butylbenzene	13.696	91	943045	50.421	ug/l	98
90) Hexachloroethane	13.959	117	189760	49.966	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	439869	50.214	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36688	48.687	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	278717	51.404	ug/l	99
94) Hexachlorobutadiene	15.111	225	159916	50.320	ug/l	99
95) Naphthalene	15.233	128	585318	52.026	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	238541	51.944	ug/l	98

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

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