

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010033.D
 Acq On : 15 Aug 2022 17:39
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 06:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	164137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	143245	86.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.820%#	
35) Dibromofluoromethane	7.710	113	132167	103.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 206.140%#	
50) Toluene-d8	10.173	98	465449	94.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 189.180%#	
62) 4-Bromofluorobenzene	12.477	95	155125	85.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 171.940%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	91528	63.142	ug/l	97
3) Chloromethane	2.107	50	133692	111.073	ug/l	97
4) Vinyl Chloride	2.241	62	167832	125.566	ug/l	99
5) Bromomethane	2.625	94	138164	163.751	ug/l	99
6) Chloroethane	2.778	64	115689	129.738	ug/l	98
7) Trichlorofluoromethane	3.107	101	201733	71.614	ug/l	99
8) Diethyl Ether	3.521	74	57276	56.598	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	105495	60.125	ug/l	99
10) Methyl Iodide	4.076	142	147478	69.885	ug/l	98
11) Tert butyl alcohol	4.948	59	55188	357.776	ug/l	100
12) 1,1-Dichloroethene	3.857	96	101012	59.634	ug/l	96
13) Acrolein	3.717	56	38710	199.344	ug/l	96
14) Allyl chloride	4.460	41	153982	64.717	ug/l	98
15) Acrylonitrile	5.149	53	148808	309.069	ug/l	99
16) Acetone	3.936	43	123479	320.412	ug/l	95
17) Carbon Disulfide	4.180	76	292668	53.748	ug/l	98
18) Methyl Acetate	4.466	43	71592	68.471	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	304176	73.124	ug/l	95
20) Methylene Chloride	4.698	84	113674	57.912	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	122212	64.642	ug/l	95
22) Diisopropyl ether	6.112	45	399309	82.037	ug/l	94
23) Vinyl Acetate	6.045	43	1330049	442.968	ug/l	96
24) 1,1-Dichloroethane	6.003	63	198504	64.610	ug/l	99
25) 2-Butanone	6.978	43	235305	390.948	ug/l	96
26) 2,2-Dichloropropane	6.966	77	201301	72.454	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	141225	69.388	ug/l	99
28) Bromochloromethane	7.320	49	92483	75.346	ug/l	91
29) Tetrahydrofuran	7.332	42	156200	412.876	ug/l	96
30) Chloroform	7.496	83	224384	70.036	ug/l	100
31) Cyclohexane	7.771	56	194503	67.559	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	213418	77.034	ug/l	99
36) 1,1-Dichloropropene	7.911	75	176351	92.115	ug/l	100
37) Ethyl Acetate	7.064	43	103156	100.158	ug/l	97
38) Carbon Tetrachloride	7.893	117	198940	100.853	ug/l	99
39) Methylcyclohexane	9.179	83	190105	83.400	ug/l	96
40) Benzene	8.155	78	510927	89.203	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	47843m	87.476	ug/l	
42) 1,2-Dichloroethane	8.228	62	151122	99.005	ug/l	100
43) Isopropyl Acetate	8.265	43	196088	108.925	ug/l	97
44) Trichloroethene	8.935	130	132480	84.043	ug/l	100
45) 1,2-Dichloropropane	9.209	63	99788	72.771	ug/l	99
46) Dibromomethane	9.301	93	68431	82.457	ug/l	99
47) Bromodichloromethane	9.490	83	162540	86.748	ug/l	97
48) Methyl methacrylate	9.289	41	64000	81.009	ug/l	92
49) 1,4-Dioxane	9.289	88	16057	1576.112	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	393033	402.207	ug/l	94
52) Toluene	10.240	92	293540	83.545	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	159812	83.823	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	176672	80.865	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	92213	77.983	ug/l	97
56) Ethyl methacrylate	10.508	69	118771	82.117	ug/l	94
57) 1,3-Dichloropropane	10.788	76	149278	78.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	228051	359.545	ug/l	97
59) 2-Hexanone	10.825	43	266680	396.044	ug/l	93
60) Dibromochloromethane	10.984	129	125055	91.000	ug/l	98
61) 1,2-Dibromoethane	11.081	107	93445	82.387	ug/l	98
64) Tetrachloroethene	10.715	164	139493	95.102	ug/l	97
65) Chlorobenzene	11.514	112	308738	77.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	126260	87.218	ug/l	100
67) Ethyl Benzene	11.587	91	548515	81.013	ug/l	97
68) m/p-Xylenes	11.697	106	445548	169.000	ug/l	97
69) o-Xylene	12.026	106	215150	86.077	ug/l	96
70) Styrene	12.038	104	356686	83.818	ug/l	99
71) Bromoform	12.203	173	81149	88.631	ug/l	100
73) Isopropylbenzene	12.325	105	546846	78.227	ug/l	98
74) N-amyl acetate	12.142	43	121771	67.667	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	97884	62.135	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66354m	56.065	ug/l	
77) Bromobenzene	12.605	156	144181	84.834	ug/l	91
78) n-propylbenzene	12.666	91	643353	73.573	ug/l	98
79) 2-Chlorotoluene	12.752	91	361923	73.276	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	469246	81.889	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	36396	67.170	ug/l	99
82) 4-Chlorotoluene	12.849	91	386847	74.945	ug/l	98
83) tert-Butylbenzene	13.069	119	419969	83.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	459734	79.695	ug/l	98
85) sec-Butylbenzene	13.251	105	603708	78.039	ug/l	98
86) p-Isopropyltoluene	13.367	119	527108	85.608	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	277526	81.967	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	273280	78.037	ug/l	99
89) n-Butylbenzene	13.690	91	533329	90.845	ug/l	99
90) Hexachloroethane	13.959	117	115577	88.977	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	283270	93.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20964	82.706	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	181527	104.843	ug/l	100
94) Hexachlorobutadiene	15.111	225	103292	103.120	ug/l	99
95) Naphthalene	15.233	128	366209	87.076	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	157157	102.805	ug/l	100

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

