

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011057.D
 Acq On : 21 Oct 2022 17:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 01:24:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	249248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	399700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175185	50.000	ug/l	0.00

10/24/2022
 Supervised By :Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103614	45.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.260%
35) Dibromofluoromethane	7.716	113	111775	50.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.360%
50) Toluene-d8	10.179	98	382500	45.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.477	95	142199	47.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.960%

10/24/2022

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	78264	47.338	ug/l	100
3) Chloromethane	2.113	50	110724	46.681	ug/l	96
4) Vinyl Chloride	2.247	62	132134	49.150	ug/l	99
5) Bromomethane	2.644	94	88808	47.761	ug/l	97
6) Chloroethane	2.790	64	92258	51.353	ug/l	98
7) Trichlorofluoromethane	3.125	101	203926	51.824	ug/l	95
8) Diethyl Ether	3.521	74	76149	51.858	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	132432	53.655	ug/l	93
10) Methyl Iodide	4.082	142	158000	52.314	ug/l	91
11) Tert butyl alcohol	4.942	59	65512	253.795	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	121156	51.241	ug/l	87
13) Acrolein	3.723	56	99616	269.136	ug/l	97
14) Allyl chloride	4.473	41	194602	51.901	ug/l #	87
15) Acrylonitrile	5.155	53	187185	244.553	ug/l	97
16) Acetone	3.942	43	144652	216.956	ug/l #	85
17) Carbon Disulfide	4.192	76	298364	43.044	ug/l	99
18) Methyl Acetate	4.466	43	90440	48.112	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	354322	53.635	ug/l	97
20) Methylene Chloride	4.710	84	167877	58.902	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	136600	51.175	ug/l	90
22) Diisopropyl ether	6.112	45	454433	56.590	ug/l	92
23) Vinyl Acetate	6.058	43	1303171	271.381	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	267864	55.248	ug/l	99
25) 2-Butanone	6.978	43	234342	231.765	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	230971	53.646	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	169949	55.244	ug/l	89
28) Bromochloromethane	7.332	49	95139	54.997	ug/l	88
29) Tetrahydrofuran	7.338	42	149880	240.931	ug/l #	86
30) Chloroform	7.502	83	275400	56.349	ug/l	100
31) Cyclohexane	7.783	56	208189	47.386	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	235109	54.726	ug/l	96
36) 1,1-Dichloropropene	7.917	75	195863	52.639	ug/l	98
37) Ethyl Acetate	7.070	43	101866	49.449	ug/l #	92
38) Carbon Tetrachloride	7.899	117	209894	54.647	ug/l	97
39) Methylcyclohexane	9.179	83	230866	51.803	ug/l	91
40) Benzene	8.155	78	585134	53.596	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	58847m	52.714	ug/l	91
42) 1,2-Dichloroethane	8.234	62	163616	54.087	ug/l	91
43) Isopropyl Acetate	8.271	43	190054	51.636	ug/l #	90
44) Trichloroethene	8.935	130	158247	53.488	ug/l	95
45) 1,2-Dichloropropane	9.216	63	155632	56.185	ug/l	97
46) Dibromomethane	9.301	93	82686	53.520	ug/l	96
47) Bromodichloromethane	9.496	83	212207	56.998	ug/l	99
48) Methyl methacrylate	9.289	41	84584	51.349	ug/l #	81
49) 1,4-Dioxane	9.295	88	21480	967.669	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	522685	254.638	ug/l #	88
52) Toluene	10.240	92	371717	54.806	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	209977	54.289	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	245330	55.429	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	122001	54.738	ug/l	98
56) Ethyl methacrylate	10.508	69	161064	54.410	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	207206	54.071	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	409473	277.568	ug/l	97
59) 2-Hexanone	10.831	43	351946	249.608	ug/l	85
60) Dibromochloromethane	10.984	129	145996	55.088	ug/l	100
61) 1,2-Dibromoethane	11.087	107	111274	52.134	ug/l	99
64) Tetrachloroethene	10.715	164	152607	54.789	ug/l	96
65) Chlorobenzene	11.514	112	403750	54.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	155432	57.165	ug/l	97
67) Ethyl Benzene	11.593	91	727355	55.968	ug/l	99
68) m/p-Xylenes	11.703	106	558890	111.793	ug/l	94
69) o-Xylene	12.026	106	267498	56.349	ug/l	95
70) Styrene	12.044	104	459753	57.157	ug/l	96
71) Bromoform	12.203	173	89984	53.624	ug/l #	99
73) Isopropylbenzene	12.325	105	720206	56.586	ug/l	99
74) N-amyl acetate	12.142	43	168623	52.218	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	137741	51.567	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	97138m	48.840	ug/l	99
77) Bromobenzene	12.605	156	163772	55.048	ug/l	97
78) n-propylbenzene	12.666	91	870687	56.227	ug/l	99
79) 2-Chlorotoluene	12.752	91	487925	55.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	599302	56.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	46925	50.743	ug/l	86
82) 4-Chlorotoluene	12.855	91	500000	55.066	ug/l	100
83) tert-Butylbenzene	13.075	119	533061	58.049	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	592953	56.625	ug/l	99
85) sec-Butylbenzene	13.251	105	785238	56.905	ug/l	100
86) p-Isopropyltoluene	13.367	119	648072	56.613	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	325659	54.848	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	320560	54.299	ug/l	98
89) n-Butylbenzene	13.696	91	611518	57.166	ug/l	99
90) Hexachloroethane	13.959	117	127235	56.319	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	289779	54.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21160	47.912	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	171788	54.108	ug/l	99
94) Hexachlorobutadiene	15.111	225	103939	55.618	ug/l	98
95) Naphthalene	15.233	128	335009	51.813	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	148596	53.649	ug/l	99

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

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Supervised By :Mahesh
Dadoda

10/24/2022

