

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011296.D
 Acq On : 04 Nov 2022 14:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 07 01:34:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113485	44.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.960%
35) Dibromofluoromethane	7.716	113	117534	48.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.179	98	447856	47.900	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.477	95	163907	50.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	85625	45.509	ug/l	99
3) Chloromethane	2.113	50	112741	43.098	ug/l	97
4) Vinyl Chloride	2.247	62	131084	44.860	ug/l	98
5) Bromomethane	2.644	94	89304	45.809	ug/l	99
6) Chloroethane	2.790	64	85765	45.676	ug/l	98
7) Trichlorofluoromethane	3.125	101	204905	47.465	ug/l	95
8) Diethyl Ether	3.528	74	72728	46.951	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	125880	48.500	ug/l	95
10) Methyl Iodide	4.088	142	158238	47.362	ug/l	91
11) Tert butyl alcohol	4.942	59	60944	233.808	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	123809	48.247	ug/l	83
13) Acrolein	3.723	56	31148	229.520	ug/l	97
14) Allyl chloride	4.472	41	189764	48.819	ug/l #	84
15) Acrylonitrile	5.155	53	175572	225.879	ug/l	97
16) Acetone	3.942	43	174781	229.486	ug/l #	84
17) Carbon Disulfide	4.192	76	388858	46.137	ug/l	99
18) Methyl Acetate	4.472	43	82975	41.151	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	337367	49.474	ug/l	95
20) Methylene Chloride	4.710	84	168712	54.631	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	143084	49.023	ug/l	88
22) Diisopropyl ether	6.112	45	393752	48.858	ug/l #	92
23) Vinyl Acetate	6.051	43	1197745	243.497	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	245912	48.725	ug/l	99
25) 2-Butanone	6.978	43	239330	223.332	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	227765	49.355	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	160935	50.042	ug/l	88
28) Bromochloromethane	7.332	49	92099	47.507	ug/l #	80
29) Tetrahydrofuran	7.344	42	139709	223.942	ug/l #	82
30) Chloroform	7.502	83	249981	49.042	ug/l	100
31) Cyclohexane	7.783	56	222895	47.663	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	226200	50.032	ug/l	94
36) 1,1-Dichloropropene	7.917	75	195859	49.803	ug/l	97
37) Ethyl Acetate	7.070	43	94487	44.570	ug/l #	91
38) Carbon Tetrachloride	7.899	117	208153	51.018	ug/l	98
39) Methylcyclohexane	9.179	83	251665	52.601	ug/l	91
40) Benzene	8.155	78	574794	49.731	ug/l	96

11/07/2022
 Supervised By :Mahesh
 adoda

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Quant Title : SW846 8260

QLast Update : Tue Nov 01 11:56:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	54345m	47.178	ug/l	11/07/2022
42) 1,2-Dichloroethane	8.234	62	152780	48.678	ug/l	Supervised By :Mahesh
43) Isopropyl Acetate	8.271	43	177332	47.477	ug/l #	Dadoda
44) Trichloroethene	8.935	130	156014	50.438	ug/l	87
45) 1,2-Dichloropropane	9.216	63	141185	49.410	ug/l	97
46) Dibromomethane	9.301	93	78079	48.361	ug/l	97
47) Bromodichloromethane	9.496	83	192638	50.334	ug/l	99
48) Methyl methacrylate	9.289	41	83317	48.565	ug/l #	11/07/2022
49) 1,4-Dioxane	9.295	88	21693	998.771	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	475010	233.893	ug/l #	83
52) Toluene	10.240	92	368046	51.355	ug/l	86
53) t-1,3-Dichloropropene	10.465	75	202099	50.141	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	232238	50.355	ug/l #	99
55) 1,1,2-Trichloroethane	10.642	97	113148	48.899	ug/l	80
56) Ethyl methacrylate	10.508	69	156636	51.248	ug/l #	97
57) 1,3-Dichloropropane	10.788	76	191947	48.463	ug/l	74
58) 2-Chloroethyl Vinyl ether	9.783	63	344603	240.496	ug/l	98
59) 2-Hexanone	10.831	43	347845	239.910	ug/l	95
60) Dibromochloromethane	10.983	129	135259	49.199	ug/l	83
61) 1,2-Dibromoethane	11.087	107	107442	48.909	ug/l	100
64) Tetrachloroethene	10.715	164	152969	53.895	ug/l	100
65) Chlorobenzene	11.514	112	384370	52.140	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	141982	52.308	ug/l	99
67) Ethyl Benzene	11.593	91	702025	53.686	ug/l	98
68) m/p-Xylenes	11.703	106	546064	107.576	ug/l	99
69) o-Xylene	12.026	106	260660	54.781	ug/l	95
70) Styrene	12.044	104	439962	54.543	ug/l	94
71) Bromoform	12.209	173	85736	50.820	ug/l #	96
73) Isopropylbenzene	12.331	105	687445	54.918	ug/l	99
74) N-amyl acetate	12.142	43	158370	50.401	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	124853	48.200	ug/l	84
76) 1,2,3-Trichloropropane	12.630	75	94041m	46.138	ug/l	100
77) Bromobenzene	12.605	156	153912	52.272	ug/l	98
78) n-propylbenzene	12.672	91	829381	54.147	ug/l	99
79) 2-Chlorotoluene	12.758	91	466574	53.163	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	582078	54.952	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	47144	49.501	ug/l #	100
82) 4-Chlorotoluene	12.855	91	480492	53.127	ug/l	81
83) tert-Butylbenzene	13.075	119	500778	54.867	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	570169	54.425	ug/l	95
85) sec-Butylbenzene	13.251	105	739403	54.640	ug/l	100
86) p-Isopropyltoluene	13.367	119	620752	55.035	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	308024	52.171	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	301962	50.995	ug/l	99
89) n-Butylbenzene	13.696	91	577638	54.843	ug/l	98
90) Hexachloroethane	13.959	117	119346	52.908	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	269294	51.063	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20790	46.852	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	162738	51.055	ug/l	81
94) Hexachlorobutadiene	15.111	225	98123	52.868	ug/l	98
95) Naphthalene	15.233	128	328937	44.601	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	140329	50.096	ug/l	98

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

11/07/2022
 Supervised By :Mahesh
 Dadoda

11/07/2022

