

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011252.D
 Acq On : 02 Nov 2022 11:17
 Operator : KP/MD
 Sample : VY1102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 13:26:59 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	248230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119702	45.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.180%		
35) Dibromofluoromethane	7.716	113	124759	49.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.780%		
50) Toluene-d8	10.179	98	483047	49.253	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.477	95	168254	49.417	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	57593	27.141	ug/l	99
3) Chloromethane	2.107	50	58961	21.421	ug/l	99
4) Vinyl Chloride	2.247	62	67086	21.819	ug/l	99
5) Bromomethane	2.644	94	42663	20.798	ug/l	99
6) Chloroethane	2.790	64	41353	20.930	ug/l	99
7) Trichlorofluoromethane	3.119	101	98030	21.581	ug/l	96
8) Diethyl Ether	3.528	74	32027	19.649	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	58183	21.305	ug/l	94
10) Methyl Iodide	4.088	142	68121	19.377	ug/l	92
11) Tert butyl alcohol	4.966	59	29351	76.885	ug/l	100
12) 1,1-Dichloroethene	3.869	96	55972	20.729	ug/l	82
13) Acrolein	3.729	56	16726	107.417	ug/l	98
14) Allyl chloride	4.479	41	79360	19.403	ug/l #	84
15) Acrylonitrile	5.168	53	73362	89.698	ug/l	97
16) Acetone	3.954	43	58581	73.099	ug/l #	87
17) Carbon Disulfide	4.186	76	181750	20.494	ug/l	99
18) Methyl Acetate	4.479	43	39644	18.685	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	137037	19.099	ug/l	96
20) Methylene Chloride	4.710	84	103511	29.524	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	62748	20.432	ug/l	89
22) Diisopropyl ether	6.119	45	167264	19.725	ug/l #	90
23) Vinyl Acetate	6.058	43	483575	93.430	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	106510	20.056	ug/l	99
25) 2-Butanone	6.990	43	91165	80.849	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	98495	20.284	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	68894	20.359	ug/l	88
28) Bromochloromethane	7.332	49	37785	18.523	ug/l #	81
29) Tetrahydrofuran	7.344	42	56488	86.052	ug/l #	82
30) Chloroform	7.502	83	107976	20.132	ug/l	99
31) Cyclohexane	7.783	56	98035	19.923	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	99052	20.821	ug/l	95
36) 1,1-Dichloropropene	7.911	75	87288	21.160	ug/l	98
37) Ethyl Acetate	7.076	43	42893	19.289	ug/l #	92
38) Carbon Tetrachloride	7.899	117	91370	21.350	ug/l	98
39) Methylcyclohexane	9.179	83	107634	21.447	ug/l	92
40) Benzene	8.155	78	251155	20.716	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20115	16.647	ug/l #	47
42) 1,2-Dichloroethane	8.234	62	66181	20.102	ug/l	92
43) Isopropyl Acetate	8.271	43	73137	18.667	ug/l #	86
44) Trichloroethene	8.935	130	68806	21.206	ug/l	98
45) 1,2-Dichloropropane	9.216	63	61322	20.459	ug/l	97
46) Dibromomethane	9.301	93	33610	19.846	ug/l	96
47) Bromodichloromethane	9.490	83	80756	20.116	ug/l	98
48) Methyl methacrylate	9.289	41	32394	18.001	ug/l #	75
49) 1,4-Dioxane	9.307	88	8495	372.869	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	194040	91.086	ug/l #	86
52) Toluene	10.240	92	159660	21.238	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	82715	19.564	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	97148	20.081	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	48015	19.782	ug/l	96
56) Ethyl methacrylate	10.508	69	61261	19.108	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	82132	19.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	142771	94.989	ug/l	96
59) 2-Hexanone	10.831	43	132504	87.124	ug/l	83
60) Dibromochloromethane	10.984	129	57515	19.944	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45708	19.836	ug/l	100
64) Tetrachloroethene	10.715	164	66641	22.104	ug/l	98
65) Chlorobenzene	11.514	112	165676	21.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60073	20.836	ug/l	98
67) Ethyl Benzene	11.587	91	296591	21.353	ug/l	99
68) m/p-Xylenes	11.697	106	233561	43.317	ug/l	94
69) o-Xylene	12.026	106	107484	21.266	ug/l	93
70) Styrene	12.038	104	181871	21.227	ug/l	95
71) Bromoform	12.203	173	36155	20.176	ug/l #	100
73) Isopropylbenzene	12.325	105	285784	21.738	ug/l	100
74) N-amyl acetate	12.142	43	62091	18.814	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	54529	20.043	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	39193m	18.308	ug/l	
77) Bromobenzene	12.605	156	66384	21.466	ug/l	97
78) n-propylbenzene	12.666	91	351646	21.859	ug/l	99
79) 2-Chlorotoluene	12.752	91	196637	21.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	243938	21.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	19625	19.620	ug/l #	81
82) 4-Chlorotoluene	12.849	91	203387	21.412	ug/l	99
83) tert-Butylbenzene	13.069	119	209470	21.852	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	239621	21.778	ug/l	99
85) sec-Butylbenzene	13.251	105	312009	21.953	ug/l	100
86) p-Isopropyltoluene	13.367	119	259436	21.900	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	132071	21.298	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	132771	21.349	ug/l	97
89) n-Butylbenzene	13.696	91	237631	21.482	ug/l	99
90) Hexachloroethane	13.959	117	51463	21.722	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	116583	21.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9123	19.575	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	67351	20.118	ug/l	99
94) Hexachlorobutadiene	15.111	225	41231	21.152	ug/l	99
95) Naphthalene	15.233	128	130504	19.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57837	19.659	ug/l	98

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

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