

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011725.D
 Acq On : 07 Dec 2022 11:55
 Operator : KP/MD
 Sample : VY1207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1207SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 07:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	190733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97816	50.507	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.020%			
35) Dibromofluoromethane	7.716	113	95943	52.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.020%			
50) Toluene-d8	10.179	98	324297	48.845	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.700%			
62) 4-Bromofluorobenzene	12.477	95	126893	51.693	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	33009	29.217	ug/l	99
3) Chloromethane	2.113	50	34833	18.707	ug/l	96
4) Vinyl Chloride	2.247	62	39853	18.473	ug/l	98
5) Bromomethane	2.638	94	26583	16.638	ug/l	95
6) Chloroethane	2.784	64	25998	17.272	ug/l	99
7) Trichlorofluoromethane	3.119	101	70391	22.245	ug/l	94
8) Diethyl Ether	3.528	74	22552	22.051	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	40425	22.092	ug/l	95
10) Methyl Iodide	4.088	142	45224	21.213	ug/l	96
11) Tert butyl alcohol	4.942	59	33741	148.697	ug/l	96
12) 1,1-Dichloroethene	3.869	96	36598	21.835	ug/l	84
13) Acrolein	3.729	56	7035	137.763	ug/l	99
14) Allyl chloride	4.479	41	59511	20.225	ug/l #	91
15) Acrylonitrile	5.155	53	62459	111.812	ug/l	96
16) Acetone	3.948	43	61744	98.151	ug/l #	88
17) Carbon Disulfide	4.192	76	94286	20.296	ug/l	100
18) Methyl Acetate	4.473	43	35140	22.830	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	108379	22.656	ug/l	97
20) Methylene Chloride	4.710	84	56506	16.823	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	40895	21.113	ug/l	87
22) Diisopropyl ether	6.119	45	129039	20.091	ug/l #	92
23) Vinyl Acetate	6.058	43	374410	100.073	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	77744	20.616	ug/l	98
25) 2-Butanone	6.978	43	84223	101.873	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	73922	21.239	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	48780	21.392	ug/l	91
28) Bromochloromethane	7.326	49	28794	19.006	ug/l	83
29) Tetrahydrofuran	7.344	42	48399	103.662	ug/l	88
30) Chloroform	7.502	83	83857	21.442	ug/l	99
31) Cyclohexane	7.777	56	62923	19.602	ug/l #	90
32) 1,1,1-Trichloroethane	7.698	97	76053	21.739	ug/l	97
36) 1,1-Dichloropropene	7.911	75	59786	20.934	ug/l	98
37) Ethyl Acetate	7.070	43	34447	21.182	ug/l	95
38) Carbon Tetrachloride	7.899	117	69108	21.629	ug/l	98
39) Methylcyclohexane	9.179	83	67745	21.256	ug/l	93
40) Benzene	8.155	78	175862	21.139	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15755m	19.161	ug/l	
42) 1,2-Dichloroethane	8.234	62	54569	21.210	ug/l	94
43) Isopropyl Acetate	8.271	43	60130	20.496	ug/l #	91
44) Trichloroethene	8.935	130	47570	21.253	ug/l	96
45) 1,2-Dichloropropane	9.216	63	43786	20.591	ug/l	96
46) Dibromomethane	9.301	93	24333	20.466	ug/l	97
47) Bromodichloromethane	9.496	83	63255	21.121	ug/l	98
48) Methyl methacrylate	9.289	41	26778	20.550	ug/l #	87
49) 1,4-Dioxane	9.295	88	6969	473.300	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	166054	101.820	ug/l	90
52) Toluene	10.240	92	110908	21.082	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	63253	21.129	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	71606	21.262	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	36568	21.498	ug/l	99
56) Ethyl methacrylate	10.508	69	45534	21.523	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	60948	21.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	112580	108.658	ug/l	95
59) 2-Hexanone	10.831	43	117681	101.103	ug/l	89
60) Dibromochloromethane	10.984	129	45666	21.906	ug/l	99
61) 1,2-Dibromoethane	11.087	107	33309	21.453	ug/l	99
64) Tetrachloroethene	10.715	164	48371	21.962	ug/l	96
65) Chlorobenzene	11.514	112	120497	21.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	47032	22.172	ug/l	98
67) Ethyl Benzene	11.593	91	214479	21.224	ug/l	100
68) m/p-Xylenes	11.703	106	166493	43.280	ug/l	95
69) o-Xylene	12.026	106	78336	21.872	ug/l	94
70) Styrene	12.044	104	132943	21.746	ug/l	98
71) Bromoform	12.209	173	28224	21.870	ug/l #	99
73) Isopropylbenzene	12.325	105	213735	21.791	ug/l	100
74) N-amyl acetate	12.142	43	50531	20.863	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	41144	21.288	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	30652m	20.987	ug/l	
77) Bromobenzene	12.605	156	49302	21.527	ug/l	97
78) n-propylbenzene	12.666	91	258962	21.642	ug/l	99
79) 2-Chlorotoluene	12.758	91	143981	21.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	181599	21.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14214	21.317	ug/l	88
82) 4-Chlorotoluene	12.855	91	151220	21.443	ug/l	99
83) tert-Butylbenzene	13.075	119	159855	22.197	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	179177	21.942	ug/l	100
85) sec-Butylbenzene	13.251	105	235461	21.913	ug/l	100
86) p-Isopropyltoluene	13.367	119	195674	21.820	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	99740	21.394	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	99802	21.409	ug/l	98
89) n-Butylbenzene	13.696	91	177096	21.483	ug/l	99
90) Hexachloroethane	13.959	117	38415	21.213	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	89516	21.661	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6918	21.826	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	51053	22.272	ug/l	98
94) Hexachlorobutadiene	15.111	225	34201	24.003	ug/l	100
95) Naphthalene	15.233	128	96684	22.522	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	43945	22.370	ug/l	98

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

