

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017256.D
 Acq On : 06 Feb 2024 11:42
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/07/2024

Quant Time: Feb 07 00:06:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	125041	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	210976	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	181827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59540	53.302	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.600%			
35) Dibromofluoromethane	7.740	113	62944	55.256	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.520%			
50) Toluene-d8	10.197	98	224044	54.019	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.040%			
62) 4-Bromofluorobenzene	12.496	95	71956	52.962	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	21889	23.092	ug/l	89
3) Chloromethane	2.125	50	33887	19.900	ug/l	98
4) Vinyl Chloride	2.266	62	40464	19.499	ug/l	98
5) Bromomethane	2.662	94	28106	19.539	ug/l	98
6) Chloroethane	2.808	64	26428	19.724	ug/l	97
7) Trichlorofluoromethane	3.137	101	43836	20.543	ug/l	98
8) Diethyl Ether	3.546	74	14457	21.539	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	28253	21.842	ug/l	97
10) Methyl Iodide	4.113	142	27444	20.181	ug/l	98
11) Tert butyl alcohol	4.972	59	10716	104.370	ug/l	95
12) 1,1-Dichloroethene	3.893	96	25263	20.843	ug/l	95
13) Acrolein	3.747	56	10361	105.156	ug/l	97
14) Allyl chloride	4.509	41	37826	20.644	ug/l	99
15) Acrylonitrile	5.186	53	31957	105.746	ug/l	99
16) Acetone	3.967	43	36269	110.471	ug/l	95
17) Carbon Disulfide	4.216	76	73399	18.971	ug/l	99
18) Methyl Acetate	4.497	43	13182	17.998	ug/l	97
19) Methyl tert-butyl Ether	5.247	73	60816	20.834	ug/l	98
20) Methylene Chloride	4.741	84	33288	22.854	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	28685	20.804	ug/l	97
22) Diisopropyl ether	6.143	45	87810	21.822	ug/l	99
23) Vinyl Acetate	6.088	43	264982	108.682	ug/l	99
24) 1,1-Dichloroethane	6.045	63	51761	20.998	ug/l	99
25) 2-Butanone	7.009	43	49119	112.541	ug/l	98
26) 2,2-Dichloropropane	7.003	77	42943	20.944	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	32948	21.365	ug/l	99
28) Bromochloromethane	7.356	49	18836	19.957	ug/l	99
29) Tetrahydrofuran	7.368	42	26226	106.372	ug/l	99
30) Chloroform	7.527	83	52822	21.302	ug/l	95
31) Cyclohexane	7.807	56	44508	19.768	ug/l	97
32) 1,1,1-Trichloroethane	7.722	97	44963	21.080	ug/l	98
36) 1,1-Dichloropropene	7.941	75	40218	20.468	ug/l	99
37) Ethyl Acetate	7.100	43	18570	20.376	ug/l	99
38) Carbon Tetrachloride	7.923	117	39833	21.173	ug/l	99
39) Methylcyclohexane	9.203	83	45959	20.021	ug/l	97
40) Benzene	8.185	78	119241	21.250	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9722	22.515	ug/l	97
42) 1,2-Dichloroethane	8.258	62	31292	21.062	ug/l	100
43) Isopropyl Acetate	8.289	43	33709	20.895	ug/l	99
44) Trichloroethene	8.960	130	30728	21.573	ug/l	98
45) 1,2-Dichloropropane	9.234	63	29708	21.554	ug/l	96
46) Dibromomethane	9.325	93	16126	21.660	ug/l	98
47) Bromodichloromethane	9.514	83	40405	21.685	ug/l	98
48) Methyl methacrylate	9.313	41	15427	20.387	ug/l	99
49) 1,4-Dioxane	9.313	88	3480	429.434	ug/l	93
51) 4-Methyl-2-Pentanone	10.087	43	90733	104.918	ug/l	98
52) Toluene	10.258	92	73737	21.771	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	36940	21.107	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	44381	21.171	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	22287	22.002	ug/l	97
56) Ethyl methacrylate	10.526	69	25179	20.369	ug/l	97
57) 1,3-Dichloropropane	10.807	76	37523	21.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	63503	100.629	ug/l	99
59) 2-Hexanone	10.849	43	69751	111.541	ug/l	100
60) Dibromochloromethane	11.002	129	25978	21.861	ug/l	98
61) 1,2-Dibromoethane	11.105	107	20265	21.511	ug/l	98
64) Tetrachloroethene	10.734	164	25349	21.466	ug/l	97
65) Chlorobenzene	11.532	112	75829	21.619	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	28135	22.072	ug/l	99
67) Ethyl Benzene	11.605	91	136709	21.566	ug/l	99
68) m/p-Xylenes	11.715	106	103896	43.187	ug/l	100
69) o-Xylene	12.044	106	47694	21.528	ug/l	100
70) Styrene	12.057	104	80211	21.974	ug/l	99
71) Bromoform	12.221	173	14393	21.560	ug/l #	99
73) Isopropylbenzene	12.343	105	128796	21.434	ug/l	100
74) N-amyl acetate	12.160	43	27466	20.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	25120	21.254	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	18669m	24.728	ug/l	
77) Bromobenzene	12.624	156	27936	20.959	ug/l	98
78) n-propylbenzene	12.684	91	158318	21.452	ug/l	100
79) 2-Chlorotoluene	12.770	91	88010	21.691	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104095	21.782	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	7192	19.794	ug/l	97
82) 4-Chlorotoluene	12.867	91	89638	21.466	ug/l	99
83) tert-Butylbenzene	13.087	119	87855	21.446	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	100724	21.352	ug/l	97
85) sec-Butylbenzene	13.270	105	139496	21.787	ug/l	100
86) p-Isopropyltoluene	13.386	119	109192	21.342	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	55832	20.997	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	55537	21.499	ug/l	98
89) n-Butylbenzene	13.709	91	105898	21.769	ug/l	98
90) Hexachloroethane	13.977	117	22638	21.553	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	48526	21.438	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3141	20.403	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	24086	21.422	ug/l	98
94) Hexachlorobutadiene	15.129	225	14748	22.271	ug/l	97
95) Naphthalene	15.251	128	40813	20.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	20056	20.973	ug/l	97

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

