

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020732.D
 Acq On : 27 Dec 2024 12:03
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Quant Time: Dec 28 03:00:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	136570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	194898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	164208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	85032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	61288	54.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.580%			
35) Dibromofluoromethane	7.646	113	58304	54.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.620%			
50) Toluene-d8	10.115	98	225185	52.654	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.414	95	75736	53.086	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 106.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	20617	19.179	ug/l	95
3) Chloromethane	2.080	50	8371	20.880	ug/l	98
4) Vinyl Chloride	2.214	62	9756	19.641	ug/l	98
5) Bromomethane	2.605	94	7445	19.852	ug/l	97
6) Chloroethane	2.745	64	6050	20.304	ug/l	90
7) Trichlorofluoromethane	3.074	101	35014	18.330	ug/l	99
8) Diethyl Ether	3.464	74	9185	20.207	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.836	101	21341	20.351	ug/l	99
10) Methyl Iodide	4.019	142	22125	19.294	ug/l	96
11) Tert butyl alcohol	4.879	59	7516	94.705	ug/l #	85
12) 1,1-Dichloroethene	3.806	96	18283	19.588	ug/l	91
13) Acrolein	3.671	56	2960	126.581	ug/l	94
14) Allyl chloride	4.397	41	24398	22.337	ug/l	89
15) Acrylonitrile	5.074	53	18364	104.583	ug/l	95
16) Acetone	3.885	43	12917	91.023	ug/l	90
17) Carbon Disulfide	4.123	76	43450	18.977	ug/l	97
18) Methyl Acetate	4.409	43	8490	22.105	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	52162	20.050	ug/l	96
20) Methylene Chloride	4.635	84	18994	20.579	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	20359	20.241	ug/l	97
22) Diisopropyl ether	6.037	45	50468	22.729	ug/l #	96
23) Vinyl Acetate	5.970	43	142300	107.296	ug/l	99
24) 1,1-Dichloroethane	5.933	63	35357	21.239	ug/l	96
25) 2-Butanone	6.909	43	19876	103.684	ug/l	99
26) 2,2-Dichloropropane	6.896	77	39768	19.517	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	24594	20.418	ug/l	99
28) Bromochloromethane	7.256	49	8410	19.103	ug/l	98
29) Tetrahydrofuran	7.274	42	12370	105.127	ug/l	97
30) Chloroform	7.433	83	44041	20.565	ug/l	94
31) Cyclohexane	7.713	56	28692	19.967	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	44263	19.282	ug/l	97
36) 1,1-Dichloropropene	7.848	75	28796	20.307	ug/l	97
37) Ethyl Acetate	6.994	43	9754	20.874	ug/l	99
38) Carbon Tetrachloride	7.829	117	43483	18.621	ug/l	94
39) Methylcyclohexane	9.116	83	35984	19.798	ug/l	97
40) Benzene	8.091	78	84932	20.666	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	4064	17.217	ug/l #	68
42) 1,2-Dichloroethane	8.171	62	25446	19.309	ug/l	98
43) Isopropyl Acetate	8.207	43	20192	20.330	ug/l #	82
44) Trichloroethene	8.878	130	24446	19.915	ug/l	86
45) 1,2-Dichloropropane	9.152	63	17969	21.600	ug/l	98
46) Dibromomethane	9.244	93	11176	19.416	ug/l	97
47) Bromodichloromethane	9.426	83	32107	19.674	ug/l	91
48) Methyl methacrylate	9.231	41	9360	20.180	ug/l	92
49) 1,4-Dioxane	9.244	88	2003	365.315	ug/l #	81
51) 4-Methyl-2-Pentanone	10.006	43	49210	102.648	ug/l	100
52) Toluene	10.182	92	57392	20.375	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	28139	19.632	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	31092	19.790	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	15127	20.588	ug/l	95
56) Ethyl methacrylate	10.445	69	18880	19.559	ug/l	94
57) 1,3-Dichloropropane	10.725	76	25218	21.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	15490	46.019	ug/l	99
59) 2-Hexanone	10.768	43	31912	100.819	ug/l	99
60) Dibromochloromethane	10.920	129	23437	19.740	ug/l	99
61) 1,2-Dibromoethane	11.024	107	13756	19.897	ug/l	98
64) Tetrachloroethene	10.652	164	22452	20.013	ug/l	94
65) Chlorobenzene	11.451	112	66254	20.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	25379	20.373	ug/l	98
67) Ethyl Benzene	11.524	91	116126	20.664	ug/l	95
68) m/p-Xylenes	11.633	106	89907	41.941	ug/l	97
69) o-Xylene	11.963	106	42101	20.556	ug/l	99
70) Styrene	11.975	104	72046	20.955	ug/l	97
71) Bromoform	12.139	173	14274	19.931	ug/l #	100
73) Isopropylbenzene	12.261	105	118788	20.164	ug/l	100
74) N-amyl acetate	12.078	43	17064	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	15441	20.446	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	12753m	23.581	ug/l	
77) Bromobenzene	12.536	156	27416	20.216	ug/l	99
78) n-propylbenzene	12.603	91	136035	20.602	ug/l	99
79) 2-Chlorotoluene	12.688	91	76331	20.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	97448	19.854	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	5233	19.126	ug/l	95
82) 4-Chlorotoluene	12.786	91	78159	20.092	ug/l	99
83) tert-Butylbenzene	13.005	119	92005	20.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	97726	20.461	ug/l	100
85) sec-Butylbenzene	13.182	105	125729	20.352	ug/l	99
86) p-Isopropyltoluene	13.298	119	110840	20.133	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	54011	20.378	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	52879	20.056	ug/l	98
89) n-Butylbenzene	13.627	91	93412	20.326	ug/l	99
90) Hexachloroethane	13.889	117	20938	20.001	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	45733	20.124	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2614	17.846	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	26948	18.656	ug/l	99
94) Hexachlorobutadiene	15.035	225	20142	19.132	ug/l	99
95) Naphthalene	15.151	128	42514	18.376	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	22719	18.890	ug/l	99

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

