

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017199.D
 Acq On : 02 Feb 2024 22:13
 Operator : SY/MD
 Sample : VY0202SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS02

Quant Time: Feb 02 23:39:21 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
 Supervised By :Mahesh Dadoda 02/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	112409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	201157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	173672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	55927	55.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.380%			
35) Dibromofluoromethane	7.734	113	57769	53.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.380%			
50) Toluene-d8	10.191	98	216600	54.773	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.489	95	67398	52.028	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18892	22.170	ug/l	96
3) Chloromethane	2.119	50	35119	22.941	ug/l	98
4) Vinyl Chloride	2.253	62	39198	21.012	ug/l	98
5) Bromomethane	2.649	94	29525	22.832	ug/l	99
6) Chloroethane	2.796	64	25341	21.038	ug/l	97
7) Trichlorofluoromethane	3.131	101	38541	20.091	ug/l	99
8) Diethyl Ether	3.539	74	12513	20.738	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	23036	19.810	ug/l	99
10) Methyl Iodide	4.106	142	23451	19.183	ug/l	99
11) Tert butyl alcohol	4.972	59	9553	103.351	ug/l	96
12) 1,1-Dichloroethene	3.887	96	23002	21.111	ug/l	97
13) Acrolein	3.741	56	9290	104.849	ug/l	98
14) Allyl chloride	4.490	41	35541	21.576	ug/l	99
15) Acrylonitrile	5.179	53	28795	105.991	ug/l	100
16) Acetone	3.960	43	26526	89.874	ug/l	96
17) Carbon Disulfide	4.204	76	73896	21.246	ug/l	100
18) Methyl Acetate	4.484	43	13371	20.308	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	53417	20.356	ug/l	95
20) Methylene Chloride	4.728	84	31457	24.216	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	27206	21.949	ug/l	96
22) Diisopropyl ether	6.136	45	79396	21.949	ug/l	95
23) Vinyl Acetate	6.075	43	229148	104.546	ug/l	100
24) 1,1-Dichloroethane	6.027	63	48951	22.090	ug/l	97
25) 2-Butanone	6.996	43	38438	97.966	ug/l	98
26) 2,2-Dichloropropane	6.996	77	35481	19.250	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	29734	21.448	ug/l	98
28) Bromochloromethane	7.344	49	16692	19.673	ug/l	99
29) Tetrahydrofuran	7.362	42	22980	103.680	ug/l	98
30) Chloroform	7.514	83	49796	22.338	ug/l	96
31) Cyclohexane	7.795	56	38844	19.191	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	40186	20.958	ug/l	98
36) 1,1-Dichloropropene	7.929	75	36668	19.572	ug/l	99
37) Ethyl Acetate	7.087	43	16845	19.386	ug/l	99
38) Carbon Tetrachloride	7.917	117	34187	19.059	ug/l	99
39) Methylcyclohexane	9.197	83	38500	17.590	ug/l	98
40) Benzene	8.173	78	112721	21.069	ug/l	98

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41) Methacrylonitrile	7.319	41	7827	19.011	ug/l	90
42) 1,2-Dichloroethane	8.246	62	29356	20.724	ug/l	99
43) Isopropyl Acetate	8.282	43	29794	19.369	ug/l	98
44) Trichloroethene	8.947	130	27995	20.613	ug/l	96
45) 1,2-Dichloropropane	9.227	63	27480	20.911	ug/l	98
46) Dibromomethane	9.313	93	14624	20.601	ug/l	99
47) Bromodichloromethane	9.508	83	37169	20.922	ug/l	99
48) Methyl methacrylate	9.307	41	13540	18.766	ug/l	97
49) 1,4-Dioxane	9.300	88	3008	389.308	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	78362	95.036	ug/l	100
52) Toluene	10.258	92	67032	20.757	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	32670	19.578	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	39998	20.012	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	20372	21.093	ug/l	95
56) Ethyl methacrylate	10.520	69	21985	18.906	ug/l	99
57) 1,3-Dichloropropane	10.800	76	33922	20.420	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	59323	98.594	ug/l	97
59) 2-Hexanone	10.843	43	54096	90.729	ug/l	98
60) Dibromochloromethane	10.995	129	23254	20.524	ug/l	99
61) 1,2-Dibromoethane	11.099	107	18183	20.243	ug/l	98
64) Tetrachloroethene	10.727	164	24033	21.308	ug/l	97
65) Chlorobenzene	11.526	112	69151	20.641	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	25075	20.595	ug/l	99
67) Ethyl Benzene	11.605	91	121969	20.144	ug/l	100
68) m/p-Xylenes	11.709	106	93562	40.718	ug/l	100
69) o-Xylene	12.038	106	42924	20.285	ug/l	98
70) Styrene	12.056	104	71049	20.378	ug/l	98
71) Bromoform	12.221	173	12689	19.900	ug/l #	100
73) Isopropylbenzene	12.343	105	110529	20.103	ug/l	100
74) N-amyl acetate	12.154	43	23976	19.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	21957	20.305	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	14685m	21.259	ug/l	
77) Bromobenzene	12.617	156	25426	20.849	ug/l	96
78) n-propylbenzene	12.684	91	138554	20.519	ug/l	99
79) 2-Chlorotoluene	12.769	91	77371	20.841	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	88629	20.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	6076	18.277	ug/l	96
82) 4-Chlorotoluene	12.867	91	79444	20.793	ug/l	98
83) tert-Butylbenzene	13.086	119	76201	20.330	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	87916	20.370	ug/l	98
85) sec-Butylbenzene	13.263	105	114806	19.598	ug/l	99
86) p-Isopropyltoluene	13.379	119	92820	19.828	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	48397	19.893	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	49058	20.756	ug/l	99
89) n-Butylbenzene	13.708	91	84874	19.069	ug/l	100
90) Hexachloroethane	13.970	117	19424	20.212	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	42797	20.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2757	19.573	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	20362	19.793	ug/l	97
94) Hexachlorobutadiene	15.123	225	11638	19.208	ug/l	98
95) Naphthalene	15.245	128	34119	19.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	16645	19.024	ug/l	97

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

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