

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017529.D
 Acq On : 29 Feb 2024 15:40
 Operator : SY/MD
 Sample : VY0229SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024
 Supervised By :Mahesh Dadoda 03/01/2024

Quant Time: Mar 01 00:30:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56593	42.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.760%		
35) Dibromofluoromethane	7.722	113	69822	47.051	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.100%		
50) Toluene-d8	10.185	98	262273	50.549	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.483	95	76917	47.171	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23609	22.715	ug/l	98
3) Chloromethane	2.113	50	38404	20.222	ug/l	97
4) Vinyl Chloride	2.253	62	51239	21.031	ug/l	97
5) Bromomethane	2.650	94	43395	21.857	ug/l	100
6) Chloroethane	2.796	64	32102	20.887	ug/l	94
7) Trichlorofluoromethane	3.125	101	56032	22.566	ug/l	100
8) Diethyl Ether	3.534	74	13813	18.967	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	33241	23.274	ug/l	99
10) Methyl Iodide	4.095	142	29516	18.414	ug/l	100
11) Tert butyl alcohol	4.948	59	10021	88.344	ug/l	99
12) 1,1-Dichloroethene	3.875	96	30385	22.828	ug/l	97
13) Acrolein	3.729	56	15305	102.259	ug/l	96
14) Allyl chloride	4.479	41	33179	20.630	ug/l	97
15) Acrylonitrile	5.161	53	26567	88.739	ug/l	99
16) Acetone	3.948	43	17299	66.789	ug/l	98
17) Carbon Disulfide	4.198	76	84067	21.042	ug/l	100
18) Methyl Acetate	4.479	43	10131	16.123	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	57074	18.397	ug/l	99
20) Methylene Chloride	4.723	84	54240	33.877	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	33734	21.646	ug/l	90
22) Diisopropyl ether	6.125	45	77970	21.009	ug/l	97
23) Vinyl Acetate	6.064	43	211098	95.454	ug/l	100
24) 1,1-Dichloroethane	6.021	63	55405	21.852	ug/l	99
25) 2-Butanone	6.997	43	28457	77.094	ug/l	95
26) 2,2-Dichloropropane	6.984	77	47297	22.187	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	36904	21.090	ug/l	100
28) Bromochloromethane	7.338	49	21605	21.636	ug/l	98
29) Tetrahydrofuran	7.356	42	19351	86.968	ug/l	99
30) Chloroform	7.509	83	58926	21.829	ug/l	100
31) Cyclohexane	7.795	56	46953	21.606	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	51895	22.143	ug/l	99
36) 1,1-Dichloropropene	7.923	75	45337	22.644	ug/l	99
37) Ethyl Acetate	7.076	43	13589	17.184	ug/l #	93
38) Carbon Tetrachloride	7.905	117	46618	23.232	ug/l	98
39) Methylcyclohexane	9.185	83	54224	22.535	ug/l	98
40) Benzene	8.167	78	133835	22.508	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7408	18.668	ug/l #	73
42) 1,2-Dichloroethane	8.240	62	29469	20.313	ug/l	99
43) Isopropyl Acetate	8.277	43	25949	18.673	ug/l #	86
44) Trichloroethene	8.947	130	38102	22.232	ug/l	96
45) 1,2-Dichloropropane	9.222	63	31035	21.938	ug/l	98
46) Dibromomethane	9.307	93	16451	20.320	ug/l	98
47) Bromodichloromethane	9.496	83	43112	21.931	ug/l	98
48) Methyl methacrylate	9.295	41	12190	18.951	ug/l	98
49) 1,4-Dioxane	9.301	88	2944	321.313	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	65489	84.558	ug/l	100
52) Toluene	10.246	92	83516	22.280	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	36857	20.200	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	43672	19.698	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	23224	20.204	ug/l	92
56) Ethyl methacrylate	10.514	69	23475	18.295	ug/l	97
57) 1,3-Dichloropropane	10.795	76	37294	19.955	ug/l	98
59) 2-Hexanone	10.837	43	43454	81.684	ug/l	98
60) Dibromochloromethane	10.990	129	28128	20.685	ug/l	98
61) 1,2-Dibromoethane	11.093	107	21126	19.943	ug/l	97
64) Tetrachloroethene	10.721	164	37285	21.337	ug/l	98
65) Chlorobenzene	11.520	112	88082	22.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32079	22.159	ug/l	98
67) Ethyl Benzene	11.599	91	153813	22.696	ug/l	98
68) m/p-Xylenes	11.709	106	122133	45.864	ug/l	99
69) o-Xylene	12.032	106	54801	22.182	ug/l	98
70) Styrene	12.050	104	90511	22.072	ug/l	98
71) Bromoform	12.209	173	15998	19.942	ug/l #	96
73) Isopropylbenzene	12.337	105	146902	23.767	ug/l	100
74) N-amyl acetate	12.148	43	21047	19.306	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	22343	21.050	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	15820m	20.013	ug/l	
77) Bromobenzene	12.611	156	33760	22.554	ug/l	93
78) n-propylbenzene	12.678	91	182018	24.542	ug/l	100
79) 2-Chlorotoluene	12.764	91	96119	23.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	116538	23.534	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	6597	19.176	ug/l	96
82) 4-Chlorotoluene	12.861	91	98282	23.141	ug/l	97
83) tert-Butylbenzene	13.081	119	104138	23.948	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	113365	23.189	ug/l	100
85) sec-Butylbenzene	13.258	105	161978	24.364	ug/l	99
86) p-Isopropyltoluene	13.373	119	129033	23.709	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	67500	22.466	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	65903	22.562	ug/l	99
89) n-Butylbenzene	13.703	91	117038	23.571	ug/l	100
90) Hexachloroethane	13.965	117	25771	23.620	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	56240	22.130	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2621	17.565	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	28072	20.912	ug/l	99
94) Hexachlorobutadiene	15.117	225	19395	23.402	ug/l	97
95) Naphthalene	15.245	128	40260	18.181	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	23264	20.202	ug/l	99

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

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