

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018684.D
 Acq On : 25 Jun 2024 13:28
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Quant Time: Jun 26 02:34:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	138900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	224095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	200955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63937	45.720	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.440%			
35) Dibromofluoromethane	7.704	113	72329	52.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.820%			
50) Toluene-d8	10.173	98	277895	52.861	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.477	95	86951	52.379	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	26281	28.728	ug/l	93
3) Chloromethane	2.107	50	40387	21.435	ug/l	92
4) Vinyl Chloride	2.241	62	51289	21.981	ug/l	99
5) Bromomethane	2.631	94	36999	21.333	ug/l	89
6) Chloroethane	2.778	64	32784	21.448	ug/l	97
7) Trichlorofluoromethane	3.101	101	61399	24.436	ug/l	90
8) Diethyl Ether	3.509	74	15109	21.089	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	33371	25.419	ug/l	98
10) Methyl Iodide	4.070	142	36759	23.530	ug/l	98
11) Tert butyl alcohol	4.930	59	9481	37.691	ug/l	99
12) 1,1-Dichloroethene	3.857	96	32437	24.586	ug/l	90
13) Acrolein	3.717	56	4881	60.356	ug/l	97
14) Allyl chloride	4.460	41	36786	20.682	ug/l	98
15) Acrylonitrile	5.143	53	29249	91.772	ug/l #	92
16) Acetone	3.936	43	24578	86.386	ug/l	89
17) Carbon Disulfide	4.174	76	90576	23.851	ug/l	96
18) Methyl Acetate	4.460	43	15487	21.460	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	69249	19.676	ug/l	96
20) Methylene Chloride	4.698	84	43610	19.386	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	34398	22.903	ug/l	97
22) Diisopropyl ether	6.100	45	81625	20.328	ug/l	92
23) Vinyl Acetate	6.039	43	309846	93.316	ug/l	99
24) 1,1-Dichloroethane	6.003	63	54495	21.066	ug/l	99
25) 2-Butanone	6.972	43	36528	85.651	ug/l	95
26) 2,2-Dichloropropane	6.960	77	46141	21.171	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	38350	21.140	ug/l	99
28) Bromochloromethane	7.320	49	19224	18.131	ug/l	93
29) Tetrahydrofuran	7.332	42	23943	91.484	ug/l	98
30) Chloroform	7.490	83	60682	21.524	ug/l	99
31) Cyclohexane	7.771	56	48740	22.753	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	54026	22.557	ug/l	97
36) 1,1-Dichloropropene	7.905	75	45302	24.076	ug/l	99
37) Ethyl Acetate	7.064	43	16748	18.881	ug/l #	97
38) Carbon Tetrachloride	7.887	117	47752	24.189	ug/l	98
39) Methylcyclohexane	9.173	83	59982	26.016	ug/l	98
40) Benzene	8.149	78	135738	23.325	ug/l	95

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 Supervised By :Semsettin Yesilyurt 06/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	8075m	18.100	ug/l	
42) 1,2-Dichloroethane	8.228	62	31904	21.014	ug/l	98
43) Isopropyl Acetate	8.265	43	31831	19.226	ug/l	97
44) Trichloroethene	8.929	130	36514	23.966	ug/l	99
45) 1,2-Dichloropropane	9.203	63	29062	21.841	ug/l	99
46) Dibromomethane	9.301	93	17584	21.297	ug/l	97
47) Bromodichloromethane	9.490	83	43801	22.227	ug/l	97
48) Methyl methacrylate	9.283	41	15588	20.914	ug/l	92
49) 1,4-Dioxane	9.289	88	4460	410.730	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	79909	91.632	ug/l	97
52) Toluene	10.240	92	88373	23.653	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	38668	22.454	ug/l #	86
54) cis-1,3-Dichloropropene	9.923	75	46047	22.158	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	23422	21.328	ug/l	96
56) Ethyl methacrylate	10.502	69	29019	20.194	ug/l	95
57) 1,3-Dichloropropane	10.782	76	38959	21.356	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	68166	98.259	ug/l	96
59) 2-Hexanone	10.825	43	56861	93.085	ug/l	98
60) Dibromochloromethane	10.977	129	29815	21.856	ug/l	99
61) 1,2-Dibromoethane	11.081	107	22371	22.042	ug/l	99
64) Tetrachloroethene	10.715	164	35733	24.931	ug/l	98
65) Chlorobenzene	11.514	112	97106	23.392	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	31796	22.856	ug/l	97
67) Ethyl Benzene	11.587	91	165453	22.970	ug/l	97
68) m/p-Xylenes	11.697	106	145696	51.982	ug/l	91
69) o-Xylene	12.026	106	62657	23.247	ug/l	98
70) Styrene	12.038	104	104307	23.426	ug/l	98
71) Bromoform	12.209	173	17264	22.616	ug/l #	100
73) Isopropylbenzene	12.325	105	164788	22.995	ug/l	98
74) N-amyl acetate	12.142	43	27500	18.740	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	25432	19.987	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	19464m	21.144	ug/l	
77) Bromobenzene	12.605	156	37520	22.640	ug/l	91
78) n-propylbenzene	12.666	91	191068	22.783	ug/l	98
79) 2-Chlorotoluene	12.752	91	163002	34.432	ug/l	81
80) 1,3,5-Trimethylbenzene	12.806	105	231067	40.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	6481	18.441	ug/l #	74
82) 4-Chlorotoluene	12.855	91	102750	21.554	ug/l	95
83) tert-Butylbenzene	13.075	119	122068	23.222	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	129179	22.756	ug/l	84
85) sec-Butylbenzene	13.251	105	168109	22.424	ug/l	97
86) p-Isopropyltoluene	13.367	119	144333	22.709	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	74721	22.354	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	74051	22.575	ug/l	99
89) n-Butylbenzene	13.697	91	128495	22.430	ug/l	97
90) Hexachloroethane	13.959	117	26481	22.935	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	64956	22.748	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3621	19.653	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	38751	24.359	ug/l	98
94) Hexachlorobutadiene	15.111	225	22173	27.126	ug/l	95
95) Naphthalene	15.239	128	64550	21.713	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30432	22.640	ug/l	93

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

