

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016582.D
 Acq On : 04 Dec 2023 17:20
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 01:29:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	226144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	345889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	305920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	148171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108945	52.122	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.240%			
35) Dibromofluoromethane	7.728	113	104881	50.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.780%			
50) Toluene-d8	10.191	98	395700	50.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.489	95	134679	52.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	44817	22.435	ug/l	98
3) Chloromethane	2.119	50	43478	20.981	ug/l	99
4) Vinyl Chloride	2.259	62	43375	20.726	ug/l	96
5) Bromomethane	2.656	94	27899	21.283	ug/l	96
6) Chloroethane	2.802	64	26923	20.828	ug/l	94
7) Trichlorofluoromethane	3.137	101	83578	21.126	ug/l	99
8) Diethyl Ether	3.540	74	25103	22.783	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	46681	21.100	ug/l	99
10) Methyl Iodide	4.107	142	49424	21.144	ug/l	99
11) Tert butyl alcohol	4.972	59	18696	131.281	ug/l #	93
12) 1,1-Dichloroethene	3.887	96	42716	21.254	ug/l	89
13) Acrolein	3.741	56	23587	113.924	ug/l	99
14) Allyl chloride	4.497	41	66902	21.813	ug/l	98
15) Acrylonitrile	5.180	53	52686	118.472	ug/l	99
16) Acetone	3.954	43	63206	133.632	ug/l	96
17) Carbon Disulfide	4.210	76	115519	20.502	ug/l	97
18) Methyl Acetate	4.497	43	41528	22.150	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	114369	23.150	ug/l	97
20) Methylene Chloride	4.728	84	50170	22.186	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	48192	21.324	ug/l	94
22) Diisopropyl ether	6.137	45	141494	22.431	ug/l	93
23) Vinyl Acetate	6.076	43	356270	117.653	ug/l	95
24) 1,1-Dichloroethane	6.039	63	82473	21.282	ug/l	95
25) 2-Butanone	7.002	43	83542	128.449	ug/l	98
26) 2,2-Dichloropropane	6.996	77	78320	21.498	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	54422	21.876	ug/l	94
28) Bromochloromethane	7.344	49	33307	21.219	ug/l	88
29) Tetrahydrofuran	7.362	42	45123	121.687	ug/l	94
30) Chloroform	7.521	83	90183	21.831	ug/l	96
31) Cyclohexane	7.801	56	72785	20.398	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	82526	21.110	ug/l	97
36) 1,1-Dichloropropene	7.929	75	66928	21.152	ug/l	98
37) Ethyl Acetate	7.088	43	31940	24.123	ug/l #	95
38) Carbon Tetrachloride	7.917	117	76268	20.821	ug/l	97
39) Methylcyclohexane	9.197	83	77642	20.366	ug/l	94
40) Benzene	8.173	78	189789	21.280	ug/l	100

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 Supervised By :Semsettin Yesilyurt 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	17300	22.623	ug/l	93
42) 1,2-Dichloroethane	8.252	62	56447	21.797	ug/l	96
43) Isopropyl Acetate	8.283	43	61999	24.273	ug/l	94
44) Trichloroethene	8.953	130	57459	21.363	ug/l	95
45) 1,2-Dichloropropane	9.228	63	46486	21.649	ug/l	98
46) Dibromomethane	9.319	93	26183	22.243	ug/l	97
47) Bromodichloromethane	9.508	83	68183	21.757	ug/l	98
48) Methyl methacrylate	9.301	41	34487	23.379	ug/l	92
49) 1,4-Dioxane	9.307	88	6232	523.057	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	160198	120.687	ug/l	94
52) Toluene	10.252	92	121099	21.664	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	65671	22.205	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	75382	21.702	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	37428	22.826	ug/l	95
56) Ethyl methacrylate	10.520	69	34367	22.865	ug/l	91
57) 1,3-Dichloropropane	10.801	76	61917	22.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	103417	111.651	ug/l	92
59) 2-Hexanone	10.843	43	129075	128.542	ug/l	93
60) Dibromochloromethane	10.996	129	48959	22.347	ug/l	99
61) 1,2-Dibromoethane	11.099	107	34767	22.543	ug/l	99
64) Tetrachloroethene	10.733	164	59217	21.121	ug/l	95
65) Chlorobenzene	11.526	112	131175	21.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	51996	21.470	ug/l	98
67) Ethyl Benzene	11.605	91	231415	20.825	ug/l	98
68) m/p-Xylenes	11.715	106	177913	42.174	ug/l	95
69) o-Xylene	12.038	106	83687	21.251	ug/l	96
70) Styrene	12.050	104	122378	21.659	ug/l	99
71) Bromoform	12.221	173	29758	22.756	ug/l #	99
73) Isopropylbenzene	12.343	105	229764	20.942	ug/l	100
74) N-amyl acetate	12.154	43	50054	22.879	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	39621	22.705	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	28735m	21.469	ug/l	
77) Bromobenzene	12.617	156	55174	21.337	ug/l	91
78) n-propylbenzene	12.684	91	264161	20.686	ug/l	98
79) 2-Chlorotoluene	12.770	91	151107	20.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	187182	20.996	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	12783	21.544	ug/l	98
82) 4-Chlorotoluene	12.867	91	157647	21.172	ug/l	99
83) tert-Butylbenzene	13.087	119	168196	21.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	186499	21.417	ug/l	98
85) sec-Butylbenzene	13.264	105	235720	21.070	ug/l	99
86) p-Isopropyltoluene	13.379	119	203754	20.981	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	105663	21.406	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	102396	21.137	ug/l	98
89) n-Butylbenzene	13.709	91	181931	20.832	ug/l	97
90) Hexachloroethane	13.971	117	39329	20.583	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	92326	21.786	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6187	22.155	ug/l	86
93) 1,2,4-Trichlorobenzene	15.019	180	51797	21.660	ug/l	97
94) Hexachlorobutadiene	15.123	225	31554	20.884	ug/l	98
95) Naphthalene	15.245	128	91155	25.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	42688	24.264	ug/l	100

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

