

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015076.D
 Acq On : 14 Aug 2023 14:01
 Operator : SY/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01

Quant Time: Aug 14 15:40:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
 Supervised By :Semsettin Yesilyurt 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	217793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134231	51.343	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.680%			
35) Dibromofluoromethane	7.710	113	117874	51.425	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.860%			
50) Toluene-d8	10.179	98	439029	51.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.477	95	157467	50.526	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22957	21.775	ug/l	99
3) Chloromethane	2.107	50	28444	19.543	ug/l	98
4) Vinyl Chloride	2.247	62	34361	19.827	ug/l	94
5) Bromomethane	2.625	94	26000	19.314	ug/l	98
6) Chloroethane	2.778	64	25139	19.979	ug/l	99
7) Trichlorofluoromethane	3.113	101	57656	19.744	ug/l	97
8) Diethyl Ether	3.521	74	22182	19.368	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	35738	19.691	ug/l	96
10) Methyl Iodide	4.082	142	31621	17.744	ug/l	99
11) Tert butyl alcohol	4.948	59	66119	146.932	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	29145	19.231	ug/l	91
13) Acrolein	3.723	56	29930	161.395	ug/l	95
14) Allyl chloride	4.466	41	51817	19.285	ug/l	98
15) Acrylonitrile	5.155	53	76813	98.970	ug/l	98
16) Acetone	3.942	43	84471	98.903	ug/l	99
17) Carbon Disulfide	4.180	76	48711	18.264	ug/l	97
18) Methyl Acetate	4.472	43	59720	19.081	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	125687	19.505	ug/l	100
20) Methylene Chloride	4.704	84	50362	22.190	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	32712	19.136	ug/l	95
22) Diisopropyl ether	6.118	45	128059	19.100	ug/l	91
23) Vinyl Acetate	6.051	43	379173	94.780	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	70059	19.301	ug/l	99
25) 2-Butanone	6.978	43	118863	98.291	ug/l	95
26) 2,2-Dichloropropane	6.972	77	67814	19.380	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	44710	19.147	ug/l	99
28) Bromochloromethane	7.326	49	34106	20.452	ug/l	91
29) Tetrahydrofuran	7.344	42	69504	96.121	ug/l	93
30) Chloroform	7.502	83	79681	19.582	ug/l	95
31) Cyclohexane	7.777	56	48673	19.274	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	66766	19.282	ug/l	99
36) 1,1-Dichloropropene	7.911	75	48416	19.093	ug/l	99
37) Ethyl Acetate	7.063	43	44744	18.930	ug/l #	95
38) Carbon Tetrachloride	7.893	117	58437	19.472	ug/l	96
39) Methylcyclohexane	9.179	83	54444	19.152	ug/l	94
40) Benzene	8.155	78	149140	19.453	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25469m	20.896	ug/l	
42) 1,2-Dichloroethane	8.234	62	55366	19.885	ug/l	95
43) Isopropyl Acetate	8.270	43	83364	19.367	ug/l	98
44) Trichloroethene	8.935	130	42889	19.418	ug/l	98
45) 1,2-Dichloropropane	9.215	63	42484	19.651	ug/l	98
46) Dibromomethane	9.301	93	27151	19.912	ug/l	97
47) Bromodichloromethane	9.496	83	64417	19.798	ug/l	98
48) Methyl methacrylate	9.289	41	35321	19.182	ug/l	93
49) 1,4-Dioxane	9.301	88	10764	394.781	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	239814	96.130	ug/l	95
52) Toluene	10.240	92	97905	19.375	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	64119	18.751	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	68514	19.025	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	40306	19.441	ug/l	97
56) Ethyl methacrylate	10.508	69	57475	18.942	ug/l	91
57) 1,3-Dichloropropane	10.788	76	66979	19.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	139867	99.053	ug/l	93
59) 2-Hexanone	10.831	43	176015	95.332	ug/l	93
60) Dibromochloromethane	10.983	129	47764	19.313	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38582	19.589	ug/l	99
64) Tetrachloroethene	10.715	164	44713	19.946	ug/l	98
65) Chlorobenzene	11.514	112	116040	19.794	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	46063	19.365	ug/l	98
67) Ethyl Benzene	11.587	91	197465	19.225	ug/l	97
68) m/p-Xylenes	11.703	106	152678	39.137	ug/l	94
69) o-Xylene	12.026	106	75936	19.540	ug/l	97
70) Styrene	12.038	104	131453	19.543	ug/l	97
71) Bromoform	12.203	173	33201	19.254	ug/l #	99
73) Isopropylbenzene	12.325	105	204161	19.380	ug/l	100
74) N-amyl acetate	12.142	43	73362	19.288	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	51888	18.912	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	37439m	18.810	ug/l	
77) Bromobenzene	12.605	156	50965	19.847	ug/l	98
78) n-propylbenzene	12.666	91	241941	19.340	ug/l	100
79) 2-Chlorotoluene	12.751	91	141580	19.619	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	172508	19.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	17412	19.215	ug/l	98
82) 4-Chlorotoluene	12.849	91	144172	19.337	ug/l	98
83) tert-Butylbenzene	13.068	119	156114	19.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	171347	19.527	ug/l	98
85) sec-Butylbenzene	13.251	105	228343	19.403	ug/l	99
86) p-Isopropyltoluene	13.367	119	192266	19.705	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	100220	19.677	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	102198	20.006	ug/l	98
89) n-Butylbenzene	13.690	91	182206	19.805	ug/l	97
90) Hexachloroethane	13.958	117	37454	19.349	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	95527	20.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10154	19.104	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	61986	20.293	ug/l	99
94) Hexachlorobutadiene	15.111	225	33652	20.253	ug/l	100
95) Naphthalene	15.233	128	145911	19.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55581	20.148	ug/l	99

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

