

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016338.D
 Acq On : 14 Nov 2023 10:31
 Operator : SY/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Quant Time: Nov 14 19:01:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	162837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	262894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	230119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	106612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78317	52.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.240%			
35) Dibromofluoromethane	7.734	113	81004	54.241	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.480%			
50) Toluene-d8	10.191	98	317010	52.346	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.495	95	103349	52.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30126	18.894	ug/l	100
3) Chloromethane	2.125	50	33374	17.872	ug/l	99
4) Vinyl Chloride	2.260	62	34831	17.346	ug/l	94
5) Bromomethane	2.662	94	22503	17.053	ug/l	95
6) Chloroethane	2.808	64	22726	17.737	ug/l	99
7) Trichlorofluoromethane	3.137	101	56459	19.326	ug/l	97
8) Diethyl Ether	3.546	74	16928	19.388	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	33856	19.242	ug/l	95
10) Methyl Iodide	4.113	142	32689	17.202	ug/l	99
11) Tert butyl alcohol	4.979	59	10333	88.663	ug/l #	84
12) 1,1-Dichloroethene	3.893	96	30448	18.504	ug/l	85
13) Acrolein	3.747	56	13069	92.971	ug/l	97
14) Allyl chloride	4.497	41	44455	19.038	ug/l #	91
15) Acrylonitrile	5.186	53	34245	98.833	ug/l	99
16) Acetone	3.960	43	27365	111.160	ug/l #	87
17) Carbon Disulfide	4.216	76	81592	16.434	ug/l	98
18) Methyl Acetate	4.497	43	26009	19.883	ug/l #	90
19) Methyl tert-butyl Ether	5.241	73	78145	19.621	ug/l	98
20) Methylene Chloride	4.741	84	37336	19.334	ug/l #	88
21) trans-1,2-Dichloroethene	5.247	96	35126	18.540	ug/l	89
22) Diisopropyl ether	6.137	45	98498	19.573	ug/l #	89
23) Vinyl Acetate	6.082	43	236760	97.095	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	61695	19.872	ug/l	98
25) 2-Butanone	7.003	43	44312	102.766	ug/l #	85
26) 2,2-Dichloropropane	7.003	77	54684	19.353	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	39768	19.477	ug/l	91
28) Bromochloromethane	7.350	49	23712	20.637	ug/l	90
29) Tetrahydrofuran	7.368	42	27196	95.423	ug/l	90
30) Chloroform	7.521	83	64323	19.905	ug/l	97
31) Cyclohexane	7.807	56	52743	18.000	ug/l	87
32) 1,1,1-Trichloroethane	7.722	97	58662	19.803	ug/l	97
36) 1,1-Dichloropropene	7.935	75	48370	18.653	ug/l	98
37) Ethyl Acetate	7.088	43	19853	18.948	ug/l #	94
38) Carbon Tetrachloride	7.917	117	52629	19.555	ug/l	96
39) Methylcyclohexane	9.197	83	58334	18.053	ug/l	93
40) Benzene	8.179	78	141440	19.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	11772	22.283	ug/l #	89
42) 1,2-Dichloroethane	8.252	62	38137	20.203	ug/l	94
43) Isopropyl Acetate	8.289	43	38622	19.070	ug/l #	91
44) Trichloroethene	8.953	130	40756	19.465	ug/l	94
45) 1,2-Dichloropropane	9.234	63	34394	19.657	ug/l	95
46) Dibromomethane	9.319	93	18782	19.809	ug/l	97
47) Bromodichloromethane	9.514	83	49077	20.133	ug/l	97
48) Methyl methacrylate	9.307	41	21687	19.375	ug/l	88
49) 1,4-Dioxane	9.313	88	3943	391.709	ug/l #	58
51) 4-Methyl-2-Pentanone	10.081	43	99684	97.333	ug/l	91
52) Toluene	10.258	92	89920	19.525	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	46622	19.729	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	56370	19.972	ug/l #	89
55) 1,1,2-Trichloroethane	10.660	97	26527	20.298	ug/l	94
56) Ethyl methacrylate	10.526	69	24275	19.678	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	44802	20.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	81264	97.149	ug/l	93
59) 2-Hexanone	10.843	43	78786	103.422	ug/l	90
60) Dibromochloromethane	10.996	129	33382	20.424	ug/l	100
61) 1,2-Dibromoethane	11.105	107	25119	20.175	ug/l	100
64) Tetrachloroethene	10.734	164	39530	19.131	ug/l	97
65) Chlorobenzene	11.532	112	95322	19.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	36336	20.038	ug/l	99
67) Ethyl Benzene	11.605	91	170337	19.278	ug/l	100
68) m/p-Xylenes	11.715	106	129804	38.732	ug/l	96
69) o-Xylene	12.044	106	59744	19.200	ug/l	99
70) Styrene	12.057	104	88834	19.938	ug/l	98
71) Bromoform	12.221	173	19247	20.455	ug/l #	97
73) Isopropylbenzene	12.343	105	167698	19.425	ug/l	99
74) N-amyl acetate	12.154	43	31960	18.430	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	28289	20.421	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	20395m	19.942	ug/l	
77) Bromobenzene	12.624	156	38929	19.951	ug/l	95
78) n-propylbenzene	12.684	91	197708	19.378	ug/l	99
79) 2-Chlorotoluene	12.770	91	109362	19.450	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	134585	19.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9361	19.867	ug/l	91
82) 4-Chlorotoluene	12.867	91	114270	19.668	ug/l	99
83) tert-Butylbenzene	13.087	119	119414	19.477	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	134977	19.694	ug/l	98
85) sec-Butylbenzene	13.264	105	171755	19.609	ug/l	100
86) p-Isopropyltoluene	13.379	119	148139	19.642	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	74173	19.759	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	72445	19.747	ug/l	98
89) n-Butylbenzene	13.709	91	137082	19.681	ug/l	98
90) Hexachloroethane	13.971	117	28081	19.301	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	62834	19.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3980	18.058	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	35370	18.838	ug/l	97
94) Hexachlorobutadiene	15.123	225	21514	20.000	ug/l	98
95) Naphthalene	15.251	128	60757	18.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	28677	18.466	ug/l	99

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

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