

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016433.D
 Acq On : 21 Nov 2023 13:25
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Quant Time: Nov 22 01:11:51 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 11/22/2023
 Supervised By :Semsettin Yesilyurt 11/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	152594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	245608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	209765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	67931	48.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.420%		
35) Dibromofluoromethane	7.734	113	79351	56.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	113.740%		
50) Toluene-d8	10.197	98	309874	54.769	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	109.540%		
62) 4-Bromofluorobenzene	12.495	95	97558	53.090	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19752	13.220	ug/l	96
3) Chloromethane	2.125	50	26884	15.363	ug/l	98
4) Vinyl Chloride	2.259	62	29703	15.786	ug/l	98
5) Bromomethane	2.662	94	19748	15.970	ug/l	99
6) Chloroethane	2.808	64	20069	16.715	ug/l	95
7) Trichlorofluoromethane	3.143	101	52458	19.162	ug/l	98
8) Diethyl Ether	3.540	74	14306	17.485	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	31667	19.206	ug/l	96
10) Methyl Iodide	4.113	142	33253	18.673	ug/l	99
11) Tert butyl alcohol	4.966	59	8231	75.367	ug/l #	90
12) 1,1-Dichloroethene	3.893	96	28709	18.618	ug/l	87
13) Acrolein	3.747	56	8859	67.252	ug/l	99
14) Allyl chloride	4.497	41	38586	17.633	ug/l #	89
15) Acrylonitrile	5.180	53	26132	80.481	ug/l	95
16) Acetone	3.960	43	25619	111.053	ug/l #	79
17) Carbon Disulfide	4.216	76	72999	15.690	ug/l	100
18) Methyl Acetate	4.491	43	18050	14.725	ug/l #	84
19) Methyl tert-butyl Ether	5.247	73	62567	16.764	ug/l	99
20) Methylene Chloride	4.741	84	60833	36.380	ug/l #	85
21) trans-1,2-Dichloroethene	5.241	96	34122	19.219	ug/l	92
22) Diisopropyl ether	6.131	45	85176	18.062	ug/l	91
23) Vinyl Acetate	6.082	43	180122	78.826	ug/l #	92
24) 1,1-Dichloroethane	6.039	63	57714	19.838	ug/l	97
25) 2-Butanone	7.003	43	35267	87.280	ug/l	90
26) 2,2-Dichloropropane	7.009	77	54700	20.658	ug/l	95
27) cis-1,2-Dichloroethene	7.003	96	38104	19.914	ug/l	90
28) Bromochloromethane	7.356	49	19593	18.197	ug/l #	79
29) Tetrahydrofuran	7.368	42	17999	67.393	ug/l #	82
30) Chloroform	7.527	83	63058	20.823	ug/l	94
31) Cyclohexane	7.807	56	45508	16.574	ug/l #	79
32) 1,1,1-Trichloroethane	7.722	97	59290	21.359	ug/l	96
36) 1,1-Dichloropropene	7.935	75	46306	19.114	ug/l	98
37) Ethyl Acetate	7.094	43	13768	14.065	ug/l #	92
38) Carbon Tetrachloride	7.917	117	53090	21.115	ug/l	95
39) Methylcyclohexane	9.203	83	52805	17.492	ug/l	93
40) Benzene	8.179	78	137438	20.192	ug/l	100

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41) Methacrylonitrile	7.332	41	9539m	19.327	ug/l	
42) 1,2-Dichloroethane	8.252	62	33008	18.716	ug/l	91
43) Isopropyl Acetate	8.289	43	26823	14.176	ug/l #	83
44) Trichloroethene	8.959	130	40052	20.475	ug/l	93
45) 1,2-Dichloropropane	9.234	63	32360	19.796	ug/l	95
46) Dibromomethane	9.325	93	15911	17.962	ug/l	99
47) Bromodichloromethane	9.514	83	45888	20.150	ug/l	94
48) Methyl methacrylate	9.307	41	14445	13.813	ug/l #	82
49) 1,4-Dioxane	9.313	88	2847	302.735	ug/l #	69
51) 4-Methyl-2-Pentanone	10.081	43	67405	70.448	ug/l #	87
52) Toluene	10.258	92	88899	20.662	ug/l	92
53) t-1,3-Dichloropropene	10.477	75	40887	18.520	ug/l	96
54) cis-1,3-Dichloropropene	9.947	75	50426	19.123	ug/l #	85
55) 1,1,2-Trichloroethane	10.660	97	23053	18.882	ug/l	95
56) Ethyl methacrylate	10.526	69	18139	15.738	ug/l #	78
57) 1,3-Dichloropropane	10.807	76	38573	18.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	63196	80.866	ug/l	92
59) 2-Hexanone	10.843	43	54119	76.042	ug/l	86
60) Dibromochloromethane	11.002	129	30458	19.947	ug/l	100
61) 1,2-Dibromoethane	11.105	107	21066	18.111	ug/l	98
64) Tetrachloroethene	10.734	164	38051	20.202	ug/l	97
65) Chlorobenzene	11.532	112	94746	21.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	36103	21.841	ug/l	99
67) Ethyl Benzene	11.605	91	170637	21.186	ug/l	100
68) m/p-Xylenes	11.715	106	129765	42.477	ug/l	94
69) o-Xylene	12.044	106	60190	21.221	ug/l	95
70) Styrene	12.056	104	85952	21.163	ug/l	98
71) Bromoform	12.221	173	16395	19.115	ug/l #	97
73) Isopropylbenzene	12.343	105	168494	21.487	ug/l	99
74) N-amyl acetate	12.154	43	21713	13.785	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	21764	17.296	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	16772m	18.055	ug/l	
77) Bromobenzene	12.623	156	36488	20.588	ug/l	91
78) n-propylbenzene	12.684	91	197008	21.259	ug/l	99
79) 2-Chlorotoluene	12.770	91	108191	21.184	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	135623	21.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7264	16.973	ug/l	87
82) 4-Chlorotoluene	12.867	91	110153	20.873	ug/l	97
83) tert-Butylbenzene	13.087	119	120449	21.629	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	132650	21.308	ug/l	98
85) sec-Butylbenzene	13.264	105	172274	21.654	ug/l	100
86) p-Isopropyltoluene	13.379	119	149466	21.818	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	71335	20.921	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	69654	20.903	ug/l	99
89) n-Butylbenzene	13.709	91	132785	20.989	ug/l	97
90) Hexachloroethane	13.971	117	28628	21.664	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	58927	20.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	2861	14.291	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	32347	18.967	ug/l	98
94) Hexachlorobutadiene	15.123	225	22246	22.768	ug/l	96
95) Naphthalene	15.251	128	47220	15.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	24766	17.557	ug/l	98

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

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