

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015485.D
 Acq On : 11 Sep 2023 13:28
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/12/2023
 Supervised By :Semsettin Yesilyurt 09/12/2023

Quant Time: Sep 12 01:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	183660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68016	34.547	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.100%		
35) Dibromofluoromethane	7.716	113	61753	35.438	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.880%		
50) Toluene-d8	10.179	98	213274	33.797	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	67.600%		
62) 4-Bromofluorobenzene	12.477	95	82927	35.398	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	70.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25582	16.024	ug/l	95
3) Chloromethane	2.107	50	31955	15.071	ug/l	98
4) Vinyl Chloride	2.241	62	39139	15.860	ug/l	98
5) Bromomethane	2.625	94	29346	16.712	ug/l	98
6) Chloroethane	2.778	64	27776	17.123	ug/l	100
7) Trichlorofluoromethane	3.107	101	64379	18.442	ug/l	99
8) Diethyl Ether	3.521	74	22554	18.905	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	37765	19.519	ug/l	94
10) Methyl Iodide	4.082	142	34306	15.099	ug/l	99
11) Tert butyl alcohol	4.918	59	98053	222.746	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	32062	17.561	ug/l	97
13) Acrolein	3.723	56	21951	49.909	ug/l	99
14) Allyl chloride	4.466	41	53293	18.334	ug/l	98
15) Acrylonitrile	5.155	53	75678	100.811	ug/l	99
16) Acetone	3.948	43	89134	108.466	ug/l	97
17) Carbon Disulfide	4.180	76	68257	12.506	ug/l	100
18) Methyl Acetate	4.472	43	58971	19.812	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	119419	20.125	ug/l	97
20) Methylene Chloride	4.704	84	57522	17.360	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	38035	18.092	ug/l	95
22) Diisopropyl ether	6.112	45	124601	19.599	ug/l	96
23) Vinyl Acetate	6.051	43	389709	97.089	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	70227	19.109	ug/l	96
25) 2-Butanone	6.984	43	125695	107.842	ug/l	97
26) 2,2-Dichloropropane	6.972	77	70047	22.441	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	46714	19.587	ug/l	98
28) Bromochloromethane	7.332	49	20707	18.374	ug/l	93
29) Tetrahydrofuran	7.344	42	70684	96.572	ug/l	92
30) Chloroform	7.502	83	78783	20.392	ug/l	100
31) Cyclohexane	7.783	56	56677	16.206	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	69506	20.142	ug/l	99
36) 1,1-Dichloropropene	7.911	75	55227	18.049	ug/l	99
37) Ethyl Acetate	7.070	43	46002	19.494	ug/l #	95
38) Carbon Tetrachloride	7.893	117	60940	19.284	ug/l	98
39) Methylcyclohexane	9.179	83	64591	16.768	ug/l	89
40) Benzene	8.155	78	159473	18.681	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20344m	18.384	ug/l	
42) 1,2-Dichloroethane	8.234	62	54394	19.108	ug/l	95
43) Isopropyl Acetate	8.271	43	80428	19.709	ug/l	97
44) Trichloroethene	8.935	130	47016	19.466	ug/l	97
45) 1,2-Dichloropropane	9.216	63	42526	19.761	ug/l	99
46) Dibromomethane	9.301	93	27469	19.216	ug/l	96
47) Bromodichloromethane	9.496	83	62091	20.311	ug/l	98
48) Methyl methacrylate	9.289	41	36051	19.255	ug/l	94
49) 1,4-Dioxane	9.301	88	11107	418.307	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	239868	101.134	ug/l	94
52) Toluene	10.240	92	105121	19.212	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	64745	19.929	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	69223	19.587	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	39747	20.636	ug/l	98
56) Ethyl methacrylate	10.508	69	56620	19.837	ug/l	91
57) 1,3-Dichloropropane	10.788	76	66498	20.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	105643	103.693	ug/l	94
59) 2-Hexanone	10.831	43	184180	103.491	ug/l	92
60) Dibromochloromethane	10.983	129	46469	20.612	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38861	19.911	ug/l	100
64) Tetrachloroethene	10.715	164	50438	20.537	ug/l	98
65) Chlorobenzene	11.514	112	117992	20.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44110	20.669	ug/l	99
67) Ethyl Benzene	11.593	91	208427	19.908	ug/l	99
68) m/p-Xylenes	11.703	106	160983	39.668	ug/l	95
69) o-Xylene	12.026	106	77615	20.012	ug/l	96
70) Styrene	12.044	104	131077	20.100	ug/l	97
71) Bromoform	12.203	173	31744	21.323	ug/l #	96
73) Isopropylbenzene	12.325	105	209855	20.503	ug/l	100
74) N-amyl acetate	12.142	43	70603	20.532	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	51137	20.929	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	38396m	21.249	ug/l	
77) Bromobenzene	12.605	156	49374	20.368	ug/l	97
78) n-propylbenzene	12.666	91	249697	20.162	ug/l	99
79) 2-Chlorotoluene	12.751	91	139517	20.085	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	174363	20.367	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	17053	20.818	ug/l	96
82) 4-Chlorotoluene	12.855	91	147122	20.379	ug/l	99
83) tert-Butylbenzene	13.075	119	156175	20.828	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	174513	20.531	ug/l	99
85) sec-Butylbenzene	13.251	105	228731	20.452	ug/l	100
86) p-Isopropyltoluene	13.367	119	193265	20.618	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	100066	20.909	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	101931	21.070	ug/l	99
89) n-Butylbenzene	13.696	91	179478	20.343	ug/l	97
90) Hexachloroethane	13.959	117	34650	20.669	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	90093	20.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10518	21.762	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	58818	21.445	ug/l	99
94) Hexachlorobutadiene	15.111	225	31896	21.327	ug/l	97
95) Naphthalene	15.233	128	145010	21.343	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	53380	21.337	ug/l	99

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

