

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015370.D
 Acq On : 30 Aug 2023 12:16
 Operator : SY/MD
 Sample : VY0830SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 00:58:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	179834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97055	50.345	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.700%			
35) Dibromofluoromethane	7.710	113	84819	49.568	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.140%			
50) Toluene-d8	10.179	98	300255	48.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.900%			
62) 4-Bromofluorobenzene	12.477	95	110323	47.957	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28685	18.350	ug/l	98
3) Chloromethane	2.107	50	40538	19.526	ug/l	95
4) Vinyl Chloride	2.241	62	44256	18.315	ug/l	95
5) Bromomethane	2.625	94	34199	19.890	ug/l	99
6) Chloroethane	2.778	64	30398	19.138	ug/l	96
7) Trichlorofluoromethane	3.113	101	64545	18.883	ug/l	98
8) Diethyl Ether	3.521	74	23127	19.798	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	35326	18.647	ug/l	96
10) Methyl Iodide	4.082	142	38499	17.305	ug/l	99
11) Tert butyl alcohol	4.930	59	101853	227.854	ug/l #	97
12) 1,1-Dichloroethene	3.863	96	32564	18.216	ug/l	95
13) Acrolein	3.723	56	37192	77.855	ug/l	99
14) Allyl chloride	4.472	41	55189	19.390	ug/l	98
15) Acrylonitrile	5.155	53	74020	100.700	ug/l	98
16) Acetone	3.948	43	77638	96.486	ug/l	93
17) Carbon Disulfide	4.186	76	98042	18.345	ug/l	99
18) Methyl Acetate	4.472	43	63351	21.737	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	113299	19.500	ug/l	97
20) Methylene Chloride	4.704	84	70732	23.647	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	39067	18.978	ug/l	93
22) Diisopropyl ether	6.112	45	122386	19.660	ug/l	93
23) Vinyl Acetate	6.057	43	374564	107.914	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	70361	19.553	ug/l	98
25) 2-Butanone	6.984	43	117351	102.826	ug/l	93
26) 2,2-Dichloropropane	6.978	77	63886	20.903	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	45420	19.449	ug/l	99
28) Bromochloromethane	7.332	49	24286	22.008	ug/l	95
29) Tetrahydrofuran	7.344	42	71157	99.286	ug/l	93
30) Chloroform	7.502	83	74047	19.574	ug/l	99
31) Cyclohexane	7.777	56	60584	17.692	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	63792	18.880	ug/l	98
36) 1,1-Dichloropropene	7.917	75	54592	18.169	ug/l	98
37) Ethyl Acetate	7.069	43	46042	19.869	ug/l	97
38) Carbon Tetrachloride	7.899	117	56775	18.295	ug/l	98
39) Methylcyclohexane	9.179	83	68101	18.003	ug/l	96
40) Benzene	8.155	78	160223	19.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23673m	19.918	ug/l	
42) 1,2-Dichloroethane	8.234	62	53703	19.212	ug/l	94
43) Isopropyl Acetate	8.270	43	76858	19.180	ug/l	98
44) Trichloroethene	8.935	130	45350	19.120	ug/l	96
45) 1,2-Dichloropropane	9.215	63	41096	19.447	ug/l	96
46) Dibromomethane	9.301	93	27384	19.508	ug/l	94
47) Bromodichloromethane	9.496	83	58003	19.322	ug/l	99
48) Methyl methacrylate	9.289	41	35330	19.216	ug/l	93
49) 1,4-Dioxane	9.301	88	10822	415.053	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	230052	98.775	ug/l	94
52) Toluene	10.240	92	101190	18.833	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	60856	19.075	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	66712	19.223	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	37134	19.633	ug/l	94
56) Ethyl methacrylate	10.508	69	54229	19.348	ug/l	91
57) 1,3-Dichloropropane	10.788	76	63008	19.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	109144	109.096	ug/l	95
59) 2-Hexanone	10.831	43	172705	98.824	ug/l	93
60) Dibromochloromethane	10.983	129	43068	19.454	ug/l	98
61) 1,2-Dibromoethane	11.087	107	36980	19.295	ug/l	100
64) Tetrachloroethene	10.715	164	47319	19.172	ug/l	99
65) Chlorobenzene	11.514	112	111140	18.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41584	19.390	ug/l	99
67) Ethyl Benzene	11.593	91	195356	18.568	ug/l	97
68) m/p-Xylenes	11.703	106	150838	36.986	ug/l	96
69) o-Xylene	12.026	106	71628	18.378	ug/l	98
70) Styrene	12.044	104	122451	18.685	ug/l	98
71) Bromoform	12.203	173	28471	19.031	ug/l #	96
73) Isopropylbenzene	12.325	105	188379	18.391	ug/l	100
74) N-amyl acetate	12.142	43	65044	18.901	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	46351	18.956	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	36112m	20.052	ug/l	
77) Bromobenzene	12.605	156	46507	19.170	ug/l	98
78) n-propylbenzene	12.666	91	228878	18.466	ug/l	100
79) 2-Chlorotoluene	12.751	91	128354	18.463	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	158998	18.558	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15021	18.323	ug/l	99
82) 4-Chlorotoluene	12.855	91	134259	18.583	ug/l	100
83) tert-Butylbenzene	13.075	119	140008	18.658	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	157814	18.552	ug/l	98
85) sec-Butylbenzene	13.251	105	206608	18.459	ug/l	100
86) p-Isopropyltoluene	13.367	119	172067	18.342	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	89886	18.768	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91572	18.915	ug/l	98
89) n-Butylbenzene	13.696	91	160057	18.128	ug/l	96
90) Hexachloroethane	13.958	117	30892	18.413	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	83476	19.099	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9125	18.865	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	51581	18.792	ug/l	99
94) Hexachlorobutadiene	15.111	225	28318	18.920	ug/l	97
95) Naphthalene	15.233	128	128382	18.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46818	18.699	ug/l	98

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

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