

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015335.D
 Acq On : 25 Aug 2023 12:18
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 08/28/2023
 Supervised By : Semsettin Yesilyurt 08/28/2023

Quant Time: Aug 25 13:45:28 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113478	56.808	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.620%			
35) Dibromofluoromethane	7.716	113	99065	55.700	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.400%			
50) Toluene-d8	10.179	98	350544	52.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.483	95	131528	54.390	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	15788	19.041	ug/l	99
3) Chloromethane	2.113	50	18638	16.171	ug/l	98
4) Vinyl Chloride	2.247	62	23209	17.527	ug/l	92
5) Bromomethane	2.619	94	20475	19.970	ug/l	99
6) Chloroethane	2.778	64	19275	20.049	ug/l	94
7) Trichlorofluoromethane	3.113	101	44867	20.109	ug/l	98
8) Diethyl Ether	3.521	74	19012	21.727	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	27406	19.763	ug/l	96
10) Methyl Iodide	4.082	142	23588	17.323	ug/l	100
11) Tert butyl alcohol	4.948	59	59146	174.981	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	22182	19.157	ug/l	89
13) Acrolein	3.729	56	17048	102.062	ug/l	97
14) Allyl chloride	4.472	41	39793	19.383	ug/l	97
15) Acrylonitrile	5.149	53	68426	115.387	ug/l	99
16) Acetone	3.948	43	85580	131.142	ug/l	94
17) Carbon Disulfide	4.186	76	29202	14.330	ug/l	100
18) Methyl Acetate	4.472	43	53848	22.517	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	108996	22.138	ug/l	97
20) Methylene Chloride	4.704	84	46419	27.744	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	24886	19.053	ug/l	85
22) Diisopropyl ether	6.112	45	109053	21.288	ug/l	95
23) Vinyl Acetate	6.051	43	317113	103.744	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	58991	21.270	ug/l	97
25) 2-Butanone	6.984	43	113946	123.321	ug/l	98
26) 2,2-Dichloropropane	6.978	77	54494	20.382	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	37471	21.002	ug/l	95
28) Bromochloromethane	7.332	49	27489	21.574	ug/l	93
29) Tetrahydrofuran	7.344	42	63098	114.207	ug/l	92
30) Chloroform	7.502	83	68470	22.023	ug/l	95
31) Cyclohexane	7.783	56	35199	18.098	ug/l #	85
32) 1,1,1-Trichloroethane	7.703	97	55534	20.991	ug/l	99
36) 1,1-Dichloropropene	7.917	75	38352	19.491	ug/l	99
37) Ethyl Acetate	7.069	43	40811	22.251	ug/l	96
38) Carbon Tetrachloride	7.899	117	45629	19.594	ug/l	91
39) Methylcyclohexane	9.179	83	39027	17.693	ug/l	95
40) Benzene	8.155	78	123012	20.678	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21558m	22.795	ug/l	
42) 1,2-Dichloroethane	8.234	62	46909	21.712	ug/l	96
43) Isopropyl Acetate	8.270	43	71732	21.477	ug/l	98
44) Trichloroethene	8.935	130	35971	20.988	ug/l	95
45) 1,2-Dichloropropane	9.215	63	35234	21.004	ug/l	96
46) Dibromomethane	9.301	93	22828	21.577	ug/l	97
47) Bromodichloromethane	9.496	83	54815	21.712	ug/l	97
48) Methyl methacrylate	9.295	41	31342	21.936	ug/l	93
49) 1,4-Dioxane	9.295	88	9861	466.099	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	224287	115.868	ug/l	93
52) Toluene	10.240	92	82455	21.029	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	54234	20.440	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58651	20.989	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	35849	22.284	ug/l	98
56) Ethyl methacrylate	10.508	69	50812	21.582	ug/l	91
57) 1,3-Dichloropropane	10.788	76	58463	22.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	117984	107.684	ug/l	91
59) 2-Hexanone	10.831	43	171971	120.039	ug/l	92
60) Dibromochloromethane	10.983	129	42667	22.234	ug/l	98
61) 1,2-Dibromoethane	11.087	107	33964	22.224	ug/l	98
64) Tetrachloroethene	10.721	164	37714	21.316	ug/l	98
65) Chlorobenzene	11.514	112	98259	21.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	40333	21.483	ug/l	100
67) Ethyl Benzene	11.593	91	164825	20.331	ug/l	97
68) m/p-Xylenes	11.703	106	126677	41.141	ug/l	96
69) o-Xylene	12.026	106	63472	20.693	ug/l	100
70) Styrene	12.044	104	112448	21.181	ug/l	97
71) Bromoform	12.209	173	29293	21.523	ug/l #	97
73) Isopropylbenzene	12.331	105	172462	20.394	ug/l	100
74) N-amyl acetate	12.142	43	62341	20.418	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	48043	21.813	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	38326m	23.987	ug/l	
77) Bromobenzene	12.605	156	43168	20.942	ug/l	96
78) n-propylbenzene	12.672	91	203791	20.294	ug/l	100
79) 2-Chlorotoluene	12.757	91	120011	20.716	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	144354	20.478	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	14374	19.760	ug/l	97
82) 4-Chlorotoluene	12.855	91	125669	20.997	ug/l	100
83) tert-Butylbenzene	13.074	119	130516	20.242	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	145606	20.671	ug/l	100
85) sec-Butylbenzene	13.251	105	191459	20.266	ug/l	100
86) p-Isopropyltoluene	13.367	119	162397	20.734	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	88104	21.549	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	87435	21.322	ug/l	98
89) n-Butylbenzene	13.696	91	150510	20.380	ug/l	97
90) Hexachloroethane	13.958	117	30453	19.598	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	82427	21.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9749	22.850	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	54592	22.264	ug/l	99
94) Hexachlorobutadiene	15.111	225	28388	21.284	ug/l	97
95) Naphthalene	15.233	128	141782	23.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49488	22.347	ug/l	99

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

