

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017601.D
 Acq On : 07 Mar 2024 12:14
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/08/2024
 Supervised By :Semsettin Yesilyurt 03/08/2024

Quant Time: Mar 08 03:24:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63742	52.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.140%			
35) Dibromofluoromethane	7.716	113	76644	55.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.860%			
50) Toluene-d8	10.185	98	286004	59.155	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 118.320%			
62) 4-Bromofluorobenzene	12.483	95	86100	56.665	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20789	22.026	ug/l	97
3) Chloromethane	2.113	50	35334	20.489	ug/l	98
4) Vinyl Chloride	2.247	62	46197	20.881	ug/l	99
5) Bromomethane	2.644	94	40423	22.421	ug/l	100
6) Chloroethane	2.790	64	30989	22.204	ug/l	95
7) Trichlorofluoromethane	3.119	101	50981	22.610	ug/l	95
8) Diethyl Ether	3.527	74	14098	21.317	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	30872	23.803	ug/l	98
10) Methyl Iodide	4.088	142	28206	19.378	ug/l	98
11) Tert butyl alcohol	4.942	59	10105	98.102	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	26971	22.314	ug/l	96
13) Acrolein	3.723	56	12236	90.029	ug/l	96
14) Allyl chloride	4.479	41	31377	21.484	ug/l	98
15) Acrylonitrile	5.161	53	28637	105.336	ug/l	97
16) Acetone	3.948	43	26634	113.240	ug/l	99
17) Carbon Disulfide	4.192	76	61689	17.004	ug/l	97
18) Methyl Acetate	4.472	43	11178	19.590	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	59763	21.213	ug/l	100
20) Methylene Chloride	4.716	84	43815	29.457	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	30612	21.631	ug/l	95
22) Diisopropyl ether	6.119	45	80560	23.904	ug/l	99
23) Vinyl Acetate	6.058	43	217029	108.069	ug/l	100
24) 1,1-Dichloroethane	6.015	63	54281	23.576	ug/l	98
25) 2-Butanone	6.990	43	36372	108.512	ug/l	95
26) 2,2-Dichloropropane	6.978	77	47647	24.614	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	35437	22.302	ug/l	98
28) Bromochloromethane	7.338	49	19267	21.248	ug/l	98
29) Tetrahydrofuran	7.350	42	20194	99.943	ug/l	99
30) Chloroform	7.508	83	59844	24.413	ug/l	97
31) Cyclohexane	7.783	56	40358	20.451	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	50495	23.727	ug/l	98
36) 1,1-Dichloropropene	7.917	75	41866	22.440	ug/l	99
37) Ethyl Acetate	7.070	43	14649	19.880	ug/l #	98
38) Carbon Tetrachloride	7.905	117	43986	23.524	ug/l	98
39) Methylcyclohexane	9.185	83	46639	20.801	ug/l	98
40) Benzene	8.161	78	127248	22.966	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	7987m	21.599	ug/l	
42) 1,2-Dichloroethane	8.240	62	30545	22.595	ug/l	99
43) Isopropyl Acetate	8.277	43	27889	21.538	ug/l	98
44) Trichloroethene	8.941	130	36740	23.006	ug/l	99
45) 1,2-Dichloropropane	9.222	63	31277	23.727	ug/l	97
46) Dibromomethane	9.307	93	17023	22.565	ug/l	96
47) Bromodichloromethane	9.502	83	44158	24.107	ug/l	98
48) Methyl methacrylate	9.295	41	12195	20.346	ug/l	94
49) 1,4-Dioxane	9.295	88	3609	422.709	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	75033	103.969	ug/l	99
52) Toluene	10.246	92	81369	23.296	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	38069	22.391	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	48019	23.244	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	24439	22.816	ug/l	92
56) Ethyl methacrylate	10.514	69	25136	20.644	ug/l	99
57) 1,3-Dichloropropane	10.794	76	39140	22.475	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	65229	105.533	ug/l	98
59) 2-Hexanone	10.837	43	54770	110.488	ug/l	100
60) Dibromochloromethane	10.990	129	29625	23.379	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21602	21.885	ug/l	100
64) Tetrachloroethene	10.721	164	36328	21.559	ug/l	97
65) Chlorobenzene	11.520	112	87418	23.460	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33317	23.866	ug/l	100
67) Ethyl Benzene	11.593	91	150097	22.968	ug/l	98
68) m/p-Xylenes	11.709	106	119001	46.343	ug/l	99
69) o-Xylene	12.032	106	54423	22.845	ug/l	100
70) Styrene	12.050	104	91839	23.225	ug/l	98
71) Bromoform	12.209	173	17605	22.758	ug/l #	99
73) Isopropylbenzene	12.331	105	145866	22.762	ug/l	100
74) N-amyl acetate	12.148	43	23432	20.732	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	25632	23.293	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16670m	20.340	ug/l	
77) Bromobenzene	12.611	156	34855	22.460	ug/l	95
78) n-propylbenzene	12.672	91	179642	23.363	ug/l	100
79) 2-Chlorotoluene	12.764	91	98464	22.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	119648	23.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7475	20.957	ug/l	98
82) 4-Chlorotoluene	12.855	91	102568	23.294	ug/l	99
83) tert-Butylbenzene	13.075	119	107430	23.829	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	117321	23.147	ug/l	99
85) sec-Butylbenzene	13.257	105	162839	23.625	ug/l	100
86) p-Isopropyltoluene	13.373	119	132366	23.459	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70125	22.512	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	70076	23.140	ug/l	99
89) n-Butylbenzene	13.703	91	120191	23.347	ug/l	99
90) Hexachloroethane	13.965	117	27736	24.519	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	60500	22.962	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3232	20.892	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	32464	23.327	ug/l	100
94) Hexachlorobutadiene	15.117	225	21853	25.433	ug/l	98
95) Naphthalene	15.239	128	47492	20.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	27163	22.751	ug/l	99

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

