

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019661.D
 Acq On : 23 Sep 2024 12:14
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Quant Time: Sep 24 01:44:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	413078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	705197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	606488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	281639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221690	57.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.920%			
35) Dibromofluoromethane	7.628	113	225881	56.494	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.980%			
50) Toluene-d8	10.109	98	818654	55.356	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.720%			
62) 4-Bromofluorobenzene	12.407	95	295817	52.021	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 104.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56721	22.903	ug/l	98
3) Chloromethane	2.068	50	67026	19.612	ug/l	100
4) Vinyl Chloride	2.208	62	82214	22.247	ug/l	99
5) Bromomethane	2.592	94	56559	24.916	ug/l	95
6) Chloroethane	2.732	64	55538	22.989	ug/l	97
7) Trichlorofluoromethane	3.055	101	137213	22.274	ug/l	97
8) Diethyl Ether	3.458	74	43922	21.240	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.811	101	81098	21.281	ug/l	97
10) Methyl Iodide	4.006	142	91994	18.829	ug/l	94
11) Tert butyl alcohol	4.860	59	38838	125.730	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	73123	19.952	ug/l	86
13) Acrolein	3.653	56	18640	117.766	ug/l	100
14) Allyl chloride	4.378	41	126620	19.266	ug/l	94
15) Acrylonitrile	5.055	53	97510	109.363	ug/l	99
16) Acetone	3.866	43	101471	111.353	ug/l	90
17) Carbon Disulfide	4.104	76	168109	16.977	ug/l	98
18) Methyl Acetate	4.384	43	48232	19.504	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	226311	21.803	ug/l	100
20) Methylene Chloride	4.610	84	87441	21.041	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	81923	20.394	ug/l	93
22) Diisopropyl ether	6.012	45	284304	21.065	ug/l	92
23) Vinyl Acetate	5.957	43	819057	106.248	ug/l	96
24) 1,1-Dichloroethane	5.909	63	160835	21.237	ug/l	98
25) 2-Butanone	6.890	43	142849	110.220	ug/l	89
26) 2,2-Dichloropropane	6.878	77	145616	21.316	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	103664	21.244	ug/l	90
28) Bromochloromethane	7.238	49	63784	20.017	ug/l	87
29) Tetrahydrofuran	7.256	42	82920	105.227	ug/l	89
30) Chloroform	7.414	83	172342	22.292	ug/l	98
31) Cyclohexane	7.695	56	127787	18.667	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	152963	22.074	ug/l	98
36) 1,1-Dichloropropene	7.829	75	113133	20.794	ug/l	97
37) Ethyl Acetate	6.982	43	61034	21.895	ug/l	97
38) Carbon Tetrachloride	7.817	117	130818	21.322	ug/l	95
39) Methylcyclohexane	9.109	83	137999	19.060	ug/l	94
40) Benzene	8.079	78	350082	20.891	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	34166	21.026	ug/l #	87
42) 1,2-Dichloroethane	8.152	62	98623	21.872	ug/l	97
43) Isopropyl Acetate	8.195	43	122947	20.993	ug/l #	81
44) Trichloroethene	8.865	130	89410	20.746	ug/l	93
45) 1,2-Dichloropropane	9.140	63	86948	21.224	ug/l	100
46) Dibromomethane	9.231	93	49428	22.063	ug/l	96
47) Bromodichloromethane	9.426	83	131354	21.812	ug/l	98
48) Methyl methacrylate	9.219	41	54191	19.594	ug/l	87
49) 1,4-Dioxane	9.231	88	12359	468.618	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	312232	105.971	ug/l	92
52) Toluene	10.170	92	225519	20.925	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	120591	21.006	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	138670	20.745	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	68104	22.013	ug/l	97
56) Ethyl methacrylate	10.438	69	99533	21.179	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	115229	21.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	233623	107.106	ug/l	98
59) 2-Hexanone	10.761	43	225356	104.327	ug/l	90
60) Dibromochloromethane	10.914	129	89959	21.981	ug/l	97
61) 1,2-Dibromoethane	11.011	107	61013	21.166	ug/l	98
64) Tetrachloroethene	10.646	164	78660	20.944	ug/l	94
65) Chlorobenzene	11.444	112	253995	21.290	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	88848	21.510	ug/l	98
67) Ethyl Benzene	11.517	91	446500	21.064	ug/l	98
68) m/p-Xylenes	11.627	106	335285	41.831	ug/l	94
69) o-Xylene	11.956	106	166277	21.212	ug/l	97
70) Styrene	11.968	104	279242	21.099	ug/l	97
71) Bromoform	12.133	173	49926	21.162	ug/l #	98
73) Isopropylbenzene	12.255	105	443608	21.711	ug/l	99
74) N-amyl acetate	12.072	43	112425	20.232	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	78772	21.721	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	58006m	21.974	ug/l	
77) Bromobenzene	12.529	156	99227	21.897	ug/l	91
78) n-propylbenzene	12.596	91	520318	21.485	ug/l	100
79) 2-Chlorotoluene	12.682	91	303596	21.511	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	355276	21.389	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	27909	20.296	ug/l	93
82) 4-Chlorotoluene	12.779	91	315717	21.759	ug/l	95
83) tert-Butylbenzene	12.999	119	333665	22.189	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	352601	21.445	ug/l	98
85) sec-Butylbenzene	13.176	105	476703	21.822	ug/l	99
86) p-Isopropyltoluene	13.291	119	391258	21.891	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	194618	22.102	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	192769	22.059	ug/l	97
89) n-Butylbenzene	13.615	91	368128	21.545	ug/l	99
90) Hexachloroethane	13.877	117	77031	20.714	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	172206	21.916	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11977	19.816	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	97707	20.445	ug/l	96
94) Hexachlorobutadiene	15.023	225	52164	20.432	ug/l	98
95) Naphthalene	15.145	128	189718	19.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	80446	19.679	ug/l	96

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

