

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017947.D
 Acq On : 16 Apr 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041624

Quant Time: Apr 17 06:28:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	427643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	670752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	584522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	275165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	187686	50.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.440%			
35) Dibromofluoromethane	7.710	113	212553	51.364	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.720%			
50) Toluene-d8	10.179	98	826611	52.643	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.483	95	256257	52.695	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	143501	42.298	ug/l	99
3) Chloromethane	2.107	50	250238	44.515	ug/l	96
4) Vinyl Chloride	2.247	62	289876	45.750	ug/l	98
5) Bromomethane	2.650	94	195145	46.272	ug/l	99
6) Chloroethane	2.790	64	184493	46.121	ug/l	99
7) Trichlorofluoromethane	3.119	101	320807	44.926	ug/l	93
8) Diethyl Ether	3.521	74	101087	44.799	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	198762	44.698	ug/l	100
10) Methyl Iodide	4.082	142	284408	48.074	ug/l	99
11) Tert butyl alcohol	4.948	59	58584	219.527	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	196145	45.437	ug/l	98
13) Acrolein	3.723	56	74573	258.740	ug/l	98
14) Allyl chloride	4.472	41	255239	45.688	ug/l	96
15) Acrylonitrile	5.155	53	207275	226.240	ug/l	100
16) Acetone	3.942	43	175606	240.156	ug/l	94
17) Carbon Disulfide	4.192	76	610675	44.468	ug/l	99
18) Methyl Acetate	4.466	43	77592	40.336	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	438949	46.656	ug/l	97
20) Methylene Chloride	4.710	84	216057	43.614	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	215542	45.579	ug/l	99
22) Diisopropyl ether	6.112	45	573222	46.805	ug/l	98
23) Vinyl Acetate	6.051	43	1725825	237.638	ug/l	99
24) 1,1-Dichloroethane	6.009	63	365741	45.738	ug/l	98
25) 2-Butanone	6.978	43	251121	233.645	ug/l	95
26) 2,2-Dichloropropane	6.978	77	300998	46.919	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	251732	46.609	ug/l	98
28) Bromochloromethane	7.332	49	166425	52.910	ug/l	97
29) Tetrahydrofuran	7.344	42	155019	227.280	ug/l	97
30) Chloroform	7.502	83	371524	45.461	ug/l	99
31) Cyclohexane	7.783	56	312838	44.227	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	312433	45.900	ug/l	98
36) 1,1-Dichloropropene	7.917	75	276865	46.006	ug/l	98
37) Ethyl Acetate	7.070	43	116775	47.163	ug/l	99
38) Carbon Tetrachloride	7.899	117	281800	46.349	ug/l	99
39) Methylcyclohexane	9.179	83	359882	45.889	ug/l	96
40) Benzene	8.155	78	865916	45.936	ug/l	98

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41) Methacrylonitrile	7.332	41	83691m	53.568	ug/l	
42) 1,2-Dichloroethane	8.234	62	196999	45.610	ug/l	100
43) Isopropyl Acetate	8.271	43	211598	45.846	ug/l	98
44) Trichloroethene	8.935	130	219424	45.807	ug/l	98
45) 1,2-Dichloropropane	9.209	63	198029	45.637	ug/l	99
46) Dibromomethane	9.301	93	111270	46.358	ug/l	99
47) Bromodichloromethane	9.496	83	278215	46.202	ug/l	97
48) Methyl methacrylate	9.289	41	98869	46.749	ug/l	98
49) 1,4-Dioxane	9.301	88	25205	919.862	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	568906	232.517	ug/l	100
52) Toluene	10.240	92	544875	47.105	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	256434	46.646	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	316538	46.871	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	148159	45.409	ug/l	97
56) Ethyl methacrylate	10.508	69	201985	47.485	ug/l	98
57) 1,3-Dichloropropane	10.788	76	252509	45.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	589845	266.770	ug/l	100
59) 2-Hexanone	10.831	43	402674	241.092	ug/l	100
60) Dibromochloromethane	10.983	129	193582	46.164	ug/l	99
61) 1,2-Dibromoethane	11.087	107	138988	45.708	ug/l	100
64) Tetrachloroethene	10.715	164	192132	45.885	ug/l	98
65) Chlorobenzene	11.514	112	594414	46.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	195958	46.389	ug/l	99
67) Ethyl Benzene	11.593	91	1025090	47.523	ug/l	98
68) m/p-Xylenes	11.703	106	791578	95.546	ug/l	99
69) o-Xylene	12.026	106	364920	47.167	ug/l	99
70) Styrene	12.044	104	630006	48.179	ug/l	100
71) Bromoform	12.209	173	112063	45.915	ug/l #	98
73) Isopropylbenzene	12.331	105	956437	47.702	ug/l	99
74) N-amyl acetate	12.142	43	191475	47.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	170512	45.598	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	114759m	44.444	ug/l	
77) Bromobenzene	12.605	156	226874	46.758	ug/l	99
78) n-propylbenzene	12.672	91	1160583	47.708	ug/l	99
79) 2-Chlorotoluene	12.758	91	639936	46.997	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	761789	47.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	58259	46.520	ug/l	97
82) 4-Chlorotoluene	12.855	91	667511	47.333	ug/l	99
83) tert-Butylbenzene	13.075	119	692099	47.663	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	757598	47.850	ug/l	99
85) sec-Butylbenzene	13.251	105	1029908	47.221	ug/l	99
86) p-Isopropyltoluene	13.367	119	853127	47.603	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	444504	46.172	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	431873	45.697	ug/l	99
89) n-Butylbenzene	13.696	91	797021	47.271	ug/l	100
90) Hexachloroethane	13.959	117	168324	45.803	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	381568	45.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20877	43.404	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	218026	45.077	ug/l	99
94) Hexachlorobutadiene	15.111	225	125479	43.732	ug/l	99
95) Naphthalene	15.239	128	366080	45.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	181419	44.701	ug/l	99

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

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