

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019692.D
 Acq On : 25 Sep 2024 13:44
 Operator : SY/MD
 Sample : VY0925SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0925SBS01

Quant Time: Sep 26 03:58:47 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 09/26/2024
 Supervised By :Semsettin Yesilyurt 09/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	365795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	633062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	541736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	253407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	185482	54.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.634	113	188316	52.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.109	98	672091	50.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.408	95	242500	47.504	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50154	22.863	ug/l	98
3) Chloromethane	2.074	50	61318	20.261	ug/l	99
4) Vinyl Chloride	2.208	62	71675	21.902	ug/l	96
5) Bromomethane	2.592	94	54229	26.977	ug/l	99
6) Chloroethane	2.739	64	50186	23.459	ug/l	95
7) Trichlorofluoromethane	3.056	101	120188	22.032	ug/l	94
8) Diethyl Ether	3.458	74	38235	20.880	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	71329	21.137	ug/l	96
10) Methyl Iodide	4.001	142	80605	18.630	ug/l	94
11) Tert butyl alcohol	4.860	59	35386	129.362	ug/l #	82
12) 1,1-Dichloroethene	3.787	96	66497	20.490	ug/l	91
13) Acrolein	3.653	56	15248	107.630	ug/l	99
14) Allyl chloride	4.379	41	112091	19.260	ug/l #	94
15) Acrylonitrile	5.055	53	86825	109.966	ug/l	99
16) Acetone	3.866	43	86262	106.899	ug/l #	85
17) Carbon Disulfide	4.104	76	147954	16.873	ug/l	99
18) Methyl Acetate	4.385	43	43079	19.672	ug/l	90
19) Methyl tert-butyl Ether	5.104	73	201418	21.913	ug/l	96
20) Methylene Chloride	4.610	84	80346	21.833	ug/l #	87
21) trans-1,2-Dichloroethene	5.110	96	72844	20.478	ug/l	85
22) Diisopropyl ether	6.012	45	258046	21.591	ug/l	91
23) Vinyl Acetate	5.958	43	716335	104.934	ug/l	94
24) 1,1-Dichloroethane	5.915	63	146069	21.780	ug/l	98
25) 2-Butanone	6.890	43	123033	107.201	ug/l	90
26) 2,2-Dichloropropane	6.884	77	128472	21.237	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	95229	22.038	ug/l	90
28) Bromochloromethane	7.244	49	55673	19.730	ug/l	86
29) Tetrahydrofuran	7.262	42	73253	104.976	ug/l	87
30) Chloroform	7.421	83	156764	22.898	ug/l	95
31) Cyclohexane	7.695	56	110986	18.309	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	135851	22.138	ug/l	97
36) 1,1-Dichloropropene	7.835	75	98071	20.080	ug/l	98
37) Ethyl Acetate	6.982	43	54329	21.710	ug/l #	94
38) Carbon Tetrachloride	7.817	117	114390	20.769	ug/l	94
39) Methylcyclohexane	9.109	83	119360	18.364	ug/l	91
40) Benzene	8.079	78	317048	21.076	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	28971	19.860	ug/l	89
42) 1,2-Dichloroethane	8.152	62	91576	22.623	ug/l	95
43) Isopropyl Acetate	8.195	43	107798	20.504	ug/l #	81
44) Trichloroethene	8.866	130	79318	20.502	ug/l	89
45) 1,2-Dichloropropane	9.140	63	79020	21.486	ug/l	97
46) Dibromomethane	9.231	93	44379	22.067	ug/l	96
47) Bromodichloromethane	9.420	83	120135	22.222	ug/l	97
48) Methyl methacrylate	9.219	41	47816	19.259	ug/l	87
49) 1,4-Dioxane	9.231	88	10173	429.684	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	271910	102.801	ug/l	92
52) Toluene	10.170	92	205108	21.200	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	105417	20.456	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	123077	20.510	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	60560	21.805	ug/l	94
56) Ethyl methacrylate	10.438	69	84672	20.070	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	104556	21.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	196874	100.542	ug/l	98
59) 2-Hexanone	10.762	43	186520	96.187	ug/l	90
60) Dibromochloromethane	10.914	129	79878	21.742	ug/l	99
61) 1,2-Dibromoethane	11.012	107	55828	21.574	ug/l	97
64) Tetrachloroethene	10.646	164	70324	20.963	ug/l	94
65) Chlorobenzene	11.444	112	231049	21.682	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	81598	22.116	ug/l	96
67) Ethyl Benzene	11.518	91	405161	21.398	ug/l	99
68) m/p-Xylenes	11.627	106	301032	42.046	ug/l	93
69) o-Xylene	11.957	106	146280	20.892	ug/l	92
70) Styrene	11.969	104	252397	21.350	ug/l	97
71) Bromoform	12.133	173	43729	20.751	ug/l #	97
73) Isopropylbenzene	12.255	105	396640	21.575	ug/l	98
74) N-amyl acetate	12.072	43	96963	19.393	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	70419	21.581	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	53101m	22.357	ug/l	
77) Bromobenzene	12.530	156	86745	21.275	ug/l	91
78) n-propylbenzene	12.597	91	461067	21.160	ug/l	100
79) 2-Chlorotoluene	12.682	91	273300	21.522	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	319220	21.359	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	22512	18.195	ug/l	91
82) 4-Chlorotoluene	12.780	91	279940	21.443	ug/l	96
83) tert-Butylbenzene	12.999	119	296384	21.906	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	312344	21.113	ug/l	98
85) sec-Butylbenzene	13.176	105	424198	21.582	ug/l	100
86) p-Isopropyltoluene	13.292	119	346276	21.533	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	172644	21.791	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	171854	21.857	ug/l	97
89) n-Butylbenzene	13.615	91	316531	20.589	ug/l	99
90) Hexachloroethane	13.877	117	69835	20.871	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	156666	22.160	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10997	20.221	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	82669	19.225	ug/l	98
94) Hexachlorobutadiene	15.023	225	45837	19.954	ug/l	96
95) Naphthalene	15.145	128	178918	20.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	71432	19.421	ug/l	98

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

