

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017759.D
 Acq On : 26 Mar 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/27/2024
 Supervised By :Semsettin Yesilyurt 03/27/2024

Quant Time: Mar 27 01:25:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	189232	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	284777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	250358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	117939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	84999	51.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.120%	
35) Dibromofluoromethane	7.734	113	94243	55.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.197	98	361354	55.465	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	12.495	95	111505	56.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.000%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.912	85	69876	42.772	ug/l 98
3) Chloromethane	2.119	50	100336	47.410	ug/l 97
4) Vinyl Chloride	2.259	62	119673	46.768	ug/l 99
5) Bromomethane	2.662	94	91910	46.002	ug/l 93
6) Chloroethane	2.808	64	79250	46.340	ug/l 97
7) Trichlorofluoromethane	3.137	101	130975	48.562	ug/l 96
8) Diethyl Ether	3.539	74	41446	46.611	ug/l 95
9) 1,1,2-Trichlorotrifluo...	3.911	101	87097	45.364	ug/l 98
10) Methyl Iodide	4.106	142	112889	48.100	ug/l 99
11) Tert butyl alcohol	4.972	59	22584	205.960	ug/l # 82
12) 1,1-Dichloroethene	3.887	96	82797	45.846	ug/l 91
13) Acrolein	3.741	56	39943	302.194	ug/l 98
14) Allyl chloride	4.497	41	108246	44.227	ug/l 98
15) Acrylonitrile	5.179	53	83220	225.923	ug/l 99
16) Acetone	3.960	43	83011	287.885	ug/l 93
17) Carbon Disulfide	4.210	76	263213	43.557	ug/l 98
18) Methyl Acetate	4.490	43	31779	43.773	ug/l 100
19) Methyl tert-butyl Ether	5.234	73	184694	47.431	ug/l 99
20) Methylene Chloride	4.728	84	93935	44.794	ug/l 95
21) trans-1,2-Dichloroethene	5.240	96	94738	46.015	ug/l 97
22) Diisopropyl ether	6.130	45	244788	45.935	ug/l 96
23) Vinyl Acetate	6.076	43	726226	232.023	ug/l 98
24) 1,1-Dichloroethane	6.033	63	156061	44.555	ug/l 99
25) 2-Butanone	7.002	43	108236	221.899	ug/l 94
26) 2,2-Dichloropropane	6.996	77	135982	45.673	ug/l 99
27) cis-1,2-Dichloroethene	7.002	96	107172	46.020	ug/l 98
28) Bromochloromethane	7.350	49	64776	47.703	ug/l 98
29) Tetrahydrofuran	7.368	42	64336	209.563	ug/l 95
30) Chloroform	7.520	83	164083	45.188	ug/l 99
31) Cyclohexane	7.801	56	135518	41.563	ug/l 97
32) 1,1,1-Trichloroethane	7.716	97	144855	45.806	ug/l 98
36) 1,1-Dichloropropene	7.929	75	122235	46.480	ug/l 99
37) Ethyl Acetate	7.088	43	47219	46.726	ug/l 98
38) Carbon Tetrachloride	7.917	117	133123	48.344	ug/l 97
39) Methylcyclohexane	9.197	83	158800	47.039	ug/l 98
40) Benzene	8.179	78	372277	47.291	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24663	49.408	ug/l	94
42) 1,2-Dichloroethane	8.252	62	89472	47.452	ug/l	100
43) Isopropyl Acetate	8.283	43	87184	43.699	ug/l	97
44) Trichloroethene	8.953	130	99786	48.462	ug/l	99
45) 1,2-Dichloropropane	9.227	63	84428	47.071	ug/l	100
46) Dibromomethane	9.319	93	48311	48.335	ug/l	98
47) Bromodichloromethane	9.508	83	121254	47.445	ug/l	97
48) Methyl methacrylate	9.307	41	41120	44.362	ug/l	96
49) 1,4-Dioxane	9.313	88	9589	985.986	ug/l #	94
51) 4-Methyl-2-Pentanone	10.081	43	240174	224.128	ug/l	97
52) Toluene	10.258	92	234429	48.193	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	109041	48.786	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	133050	48.730	ug/l	93
55) 1,1,2-Trichloroethane	10.660	97	61937	48.441	ug/l	98
56) Ethyl methacrylate	10.520	69	82555	46.027	ug/l	97
57) 1,3-Dichloropropane	10.806	76	106884	48.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	209422	232.664	ug/l	100
59) 2-Hexanone	10.843	43	174217	231.247	ug/l	98
60) Dibromochloromethane	11.002	129	83793	48.995	ug/l	99
61) 1,2-Dibromoethane	11.105	107	59420	49.500	ug/l	97
64) Tetrachloroethene	10.733	164	110238	47.613	ug/l	98
65) Chlorobenzene	11.532	112	256560	47.606	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	87555	48.650	ug/l	99
67) Ethyl Benzene	11.605	91	445010	48.080	ug/l	99
68) m/p-Xylenes	11.715	106	352122	98.071	ug/l	99
69) o-Xylene	12.044	106	161998	49.419	ug/l	99
70) Styrene	12.056	104	272745	49.992	ug/l	100
71) Bromoform	12.221	173	48109	50.758	ug/l #	97
73) Isopropylbenzene	12.343	105	420648	47.234	ug/l	98
74) N-amyl acetate	12.160	43	79966	43.976	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.599	83	65419	47.709	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	52687m	48.377	ug/l	
77) Bromobenzene	12.623	156	97899	48.284	ug/l	97
78) n-propylbenzene	12.684	91	511873	47.482	ug/l	99
79) 2-Chlorotoluene	12.770	91	279777	47.325	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	338090	48.496	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	23851	50.604	ug/l	99
82) 4-Chlorotoluene	12.867	91	284361	46.880	ug/l	97
83) tert-Butylbenzene	13.087	119	312191	49.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	333693	48.825	ug/l	98
85) sec-Butylbenzene	13.269	105	457460	48.381	ug/l	99
86) p-Isopropyltoluene	13.385	119	380267	48.436	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	194618	47.367	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	187842	47.624	ug/l	99
89) n-Butylbenzene	13.708	91	344466	48.498	ug/l	99
90) Hexachloroethane	13.977	117	73733	46.055	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	162685	47.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8464	46.760	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	86095	52.218	ug/l	99
94) Hexachlorobutadiene	15.123	225	52850	49.936	ug/l	97
95) Naphthalene	15.251	128	137179	45.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	68945	50.646	ug/l	99

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

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