

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017162.D
 Acq On : 31 Jan 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Jan 31 23:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	99475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	152818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53534	55.236	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 110.480%		
35) Dibromofluoromethane	7.728	113	53348	51.554	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 103.100%		
50) Toluene-d8	10.191	98	200892	51.399	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	= 102.800%		
62) 4-Bromofluorobenzene	12.489	95	64698	53.735	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	= 107.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	31030	42.176	ug/l	93
3) Chloromethane	2.119	50	62184	49.387	ug/l	99
4) Vinyl Chloride	2.253	62	75169	52.679	ug/l	100
5) Bromomethane	2.656	94	59327	55.851	ug/l	96
6) Chloroethane	2.802	64	53667	57.432	ug/l	97
7) Trichlorofluoromethane	3.131	101	81852	50.020	ug/l	97
8) Diethyl Ether	3.534	74	29199	50.946	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	51096	45.923	ug/l	98
10) Methyl Iodide	4.101	142	46411	43.907	ug/l	98
11) Tert butyl alcohol	4.966	59	22478	325.047	ug/l	99
12) 1,1-Dichloroethene	3.881	96	46056	45.219	ug/l	94
13) Acrolein	3.735	56	25845	222.350	ug/l	98
14) Allyl chloride	4.491	41	75997	49.366	ug/l	98
15) Acrylonitrile	5.173	53	76142	306.104	ug/l	99
16) Acetone	3.954	43	71680	280.883	ug/l	94
17) Carbon Disulfide	4.204	76	114933	37.440	ug/l	98
18) Methyl Acetate	4.485	43	68202	68.596	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	137937	55.498	ug/l	99
20) Methylene Chloride	4.728	84	60618	57.110	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	55039	46.719	ug/l	99
22) Diisopropyl ether	6.131	45	191546	56.368	ug/l	97
23) Vinyl Acetate	6.076	43	454350	275.637	ug/l	99
24) 1,1-Dichloroethane	6.033	63	105982	51.133	ug/l	99
25) 2-Butanone	7.002	43	102796	292.006	ug/l	97
26) 2,2-Dichloropropane	6.990	77	86326	48.764	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	68330	52.340	ug/l	99
28) Bromochloromethane	7.344	49	50307	60.967	ug/l	98
29) Tetrahydrofuran	7.356	42	63304	322.111	ug/l	99
30) Chloroform	7.521	83	112796	53.444	ug/l	99
31) Cyclohexane	7.795	56	79886	46.222	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	89775	49.606	ug/l	98
36) 1,1-Dichloropropene	7.929	75	77696	45.634	ug/l	99
37) Ethyl Acetate	7.082	43	42348	57.846	ug/l	99
38) Carbon Tetrachloride	7.911	117	76941	46.115	ug/l	99
39) Methylcyclohexane	9.197	83	88754	43.341	ug/l	96
40) Benzene	8.173	78	242748	49.095	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25662	65.542	ug/l	97
42) 1,2-Dichloroethane	8.246	62	68488	53.427	ug/l	100
43) Isopropyl Acetate	8.283	43	78977	57.787	ug/l	99
44) Trichloroethene	8.947	130	60362	47.598	ug/l	99
45) 1,2-Dichloropropane	9.228	63	64008	52.742	ug/l	97
46) Dibromomethane	9.313	93	34860	54.087	ug/l	99
47) Bromodichloromethane	9.508	83	87252	53.212	ug/l	97
48) Methyl methacrylate	9.301	41	45002	59.305	ug/l	97
49) 1,4-Dioxane	9.301	88	8336	1315.046	ug/l	100
51) 4-Methyl-2-Pentanone	10.081	43	230693	317.319	ug/l	100
52) Toluene	10.252	92	151810	50.726	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	81210	54.216	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	96542	52.404	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	49993	55.498	ug/l	98
56) Ethyl methacrylate	10.520	69	47206	59.926	ug/l	99
57) 1,3-Dichloropropane	10.801	76	84486	55.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	179853	328.916	ug/l	99
59) 2-Hexanone	10.843	43	161265	290.756	ug/l	100
60) Dibromochloromethane	10.996	129	57945	55.367	ug/l	99
61) 1,2-Dibromoethane	11.099	107	45366	55.438	ug/l	100
64) Tetrachloroethene	10.727	164	48883	45.892	ug/l	96
65) Chlorobenzene	11.526	112	161482	49.865	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	60247	50.932	ug/l	99
67) Ethyl Benzene	11.599	91	291696	49.548	ug/l	99
68) m/p-Xylenes	11.709	106	217709	98.426	ug/l	100
69) o-Xylene	12.038	106	101231	50.383	ug/l	99
70) Styrene	12.050	104	157213	53.898	ug/l	99
71) Bromoform	12.215	173	32588	54.941	ug/l #	98
73) Isopropylbenzene	12.337	105	275151	46.922	ug/l	99
74) N-amyl acetate	12.154	43	66252	56.052	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	59919	53.586	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	36970m	42.700	ug/l	
77) Bromobenzene	12.617	156	62367	49.152	ug/l	99
78) n-propylbenzene	12.678	91	338268	47.961	ug/l	100
79) 2-Chlorotoluene	12.764	91	186099	48.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	226126	48.724	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	17650	52.775	ug/l	98
82) 4-Chlorotoluene	12.861	91	190515	47.495	ug/l	99
83) tert-Butylbenzene	13.081	119	192123	47.860	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	223331	48.417	ug/l	98
85) sec-Butylbenzene	13.257	105	287221	48.321	ug/l	100
86) p-Isopropyltoluene	13.379	119	240577	48.589	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	121469	48.488	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	119926	48.656	ug/l	100
89) n-Butylbenzene	13.702	91	233881	48.973	ug/l	100
90) Hexachloroethane	13.971	117	49026	47.507	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	106989	50.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7955	55.702	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	55772	49.888	ug/l	99
94) Hexachlorobutadiene	15.117	225	31289	46.503	ug/l	99
95) Naphthalene	15.245	128	111949	56.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	47971	51.577	ug/l	97

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

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