

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013495.D
 Acq On : 27 Apr 2023 16:29
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 28 01:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	307407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	205832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166097	49.289	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.580%		
35) Dibromofluoromethane	7.710	113	148600	50.171	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.340%		
50) Toluene-d8	10.179	98	515322	48.908	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.477	95	181797	51.180	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	67751	23.183	ug/l	97
3) Chloromethane	2.107	50	80970	20.670	ug/l	99
4) Vinyl Chloride	2.247	62	78977	20.248	ug/l	98
5) Bromomethane	2.644	94	64317	20.692	ug/l	99
6) Chloroethane	2.784	64	54792	20.334	ug/l	96
7) Trichlorofluoromethane	3.119	101	125038	21.161	ug/l	96
8) Diethyl Ether	3.527	74	40925	20.339	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	71121	21.458	ug/l	95
10) Methyl Iodide	4.082	142	76824	18.455	ug/l	99
11) Tert butyl alcohol	4.972	59	39701	104.975	ug/l #	97
12) 1,1-Dichloroethene	3.863	96	65143	20.390	ug/l	89
13) Acrolein	3.729	56	34433	112.059	ug/l	94
14) Allyl chloride	4.472	41	121099	20.428	ug/l	96
15) Acrylonitrile	5.161	53	120726	107.132	ug/l	97
16) Acetone	3.948	43	128604	96.907	ug/l	94
17) Carbon Disulfide	4.186	76	214098	20.630	ug/l	98
18) Methyl Acetate	4.472	43	93670	21.371	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	183589	19.905	ug/l	97
20) Methylene Chloride	4.710	84	105695	20.679	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	73552	21.056	ug/l	92
22) Diisopropyl ether	6.112	45	249551	21.538	ug/l	94
23) Vinyl Acetate	6.058	43	706515m	107.694	ug/l	
24) 1,1-Dichloroethane	6.009	63	138562	21.457	ug/l	98
25) 2-Butanone	6.984	43	180474	107.231	ug/l	91
26) 2,2-Dichloropropane	6.978	77	115499	20.756	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	80080	20.749	ug/l	95
28) Bromochloromethane	7.326	49	51535	22.489	ug/l #	80
29) Tetrahydrofuran	7.344	42	112889	107.754	ug/l	91
30) Chloroform	7.502	83	137981	21.490	ug/l	99
31) Cyclohexane	7.783	56	125031	20.723	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	122362	21.357	ug/l	98
36) 1,1-Dichloropropene	7.911	75	107427	21.854	ug/l	96
37) Ethyl Acetate	7.076	43	80190	21.678	ug/l	95
38) Carbon Tetrachloride	7.899	117	113431	22.016	ug/l	94
39) Methylcyclohexane	9.179	83	119510	20.623	ug/l	95
40) Benzene	8.155	78	302783	21.867	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28055m	16.275	ug/l	
42) 1,2-Dichloroethane	8.228	62	100354	22.168	ug/l	98
43) Isopropyl Acetate	8.271	43	134024	21.465	ug/l	96
44) Trichloroethene	8.935	130	77664	21.086	ug/l	96
45) 1,2-Dichloropropane	9.215	63	77987	21.541	ug/l	100
46) Dibromomethane	9.301	93	46908	21.654	ug/l	93
47) Bromodichloromethane	9.496	83	105256	21.715	ug/l	97
48) Methyl methacrylate	9.289	41	63785	22.244	ug/l	91
49) 1,4-Dioxane	9.313	88	13964	451.350	ug/l #	83
51) 4-Methyl-2-Pentanone	10.063	43	395106	113.558	ug/l	96
52) Toluene	10.240	92	181975	21.839	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	107178	20.892	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	120822	20.931	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	62796	21.890	ug/l	99
56) Ethyl methacrylate	10.508	69	86054	21.622	ug/l	90
57) 1,3-Dichloropropane	10.788	76	105263	21.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	179486	120.266	ug/l	92
59) 2-Hexanone	10.831	43	287889	113.826	ug/l	96
60) Dibromochloromethane	10.983	129	73339	21.055	ug/l	97
61) 1,2-Dibromoethane	11.087	107	61334	21.746	ug/l	97
64) Tetrachloroethene	10.715	164	68377	21.683	ug/l	96
65) Chlorobenzene	11.514	112	192982	21.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	72713	21.521	ug/l	98
67) Ethyl Benzene	11.587	91	337943	21.303	ug/l	99
68) m/p-Xylenes	11.697	106	261049	43.287	ug/l	97
69) o-Xylene	12.026	106	121145	21.240	ug/l	97
70) Styrene	12.038	104	207139	21.721	ug/l	100
71) Bromoform	12.203	173	51956	21.954	ug/l #	100
73) Isopropylbenzene	12.325	105	321410	20.645	ug/l	99
74) N-amyl acetate	12.142	43	117372	21.186	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	82585	21.702	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57279m	20.634	ug/l	
77) Bromobenzene	12.605	156	79756	21.143	ug/l	92
78) n-propylbenzene	12.666	91	404793	21.109	ug/l	97
79) 2-Chlorotoluene	12.751	91	226177	21.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	268181	21.105	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	28017	20.646	ug/l	93
82) 4-Chlorotoluene	12.849	91	234207	20.984	ug/l	97
83) tert-Butylbenzene	13.075	119	231328	21.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	265339	21.478	ug/l	100
85) sec-Butylbenzene	13.251	105	341875	20.692	ug/l	98
86) p-Isopropyltoluene	13.367	119	277054	20.852	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	151086	21.023	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	151722	20.899	ug/l	99
89) n-Butylbenzene	13.690	91	264531	20.399	ug/l	98
90) Hexachloroethane	13.959	117	56220	20.105	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	138471	21.336	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	13780	20.504	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	79242	20.479	ug/l	99
94) Hexachlorobutadiene	15.111	225	47579	21.128	ug/l	98
95) Naphthalene	15.233	128	164032	19.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	71760	20.808	ug/l	99

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

