

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013418.D
 Acq On : 25 Apr 2023 00:44
 Operator : KP/MD
 Sample : VY0424SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS02

Quant Time: Apr 25 07:11:23 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	240505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	384644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	138598	52.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.140%			
35) Dibromofluoromethane	7.722	113	123633	51.104	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.179	98	431811	50.174	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.340%			
62) 4-Bromofluorobenzene	12.483	95	150091	51.731	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47625	20.829	ug/l	97
3) Chloromethane	2.113	50	54095	17.650	ug/l	99
4) Vinyl Chloride	2.253	62	53570	17.555	ug/l	98
5) Bromomethane	2.656	94	44438	18.274	ug/l	99
6) Chloroethane	2.796	64	36602	17.362	ug/l	100
7) Trichlorofluoromethane	3.131	101	90417	19.559	ug/l	98
8) Diethyl Ether	3.528	74	33245	21.118	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	51682	19.931	ug/l	97
10) Methyl Iodide	4.095	142	62019	19.043	ug/l	100
11) Tert butyl alcohol	4.997	59	31894m	107.774	ug/l	
12) 1,1-Dichloroethene	3.875	96	49172	19.672	ug/l	100
13) Acrolein	3.735	56	29408	123.169	ug/l	95
14) Allyl chloride	4.479	41	84905	18.307	ug/l	98
15) Acrylonitrile	5.168	53	93483	106.033	ug/l	99
16) Acetone	3.954	43	84209	81.105	ug/l	94
17) Carbon Disulfide	4.198	76	159177	19.605	ug/l	99
18) Methyl Acetate	4.485	43	70292	20.498	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	146288	20.272	ug/l	98
20) Methylene Chloride	4.710	84	81268	20.157	ug/l	89
21) trans-1,2-Dichloroethene	5.229	96	55623	20.353	ug/l	89
22) Diisopropyl ether	6.119	45	180456	19.907	ug/l	92
23) Vinyl Acetate	6.064	43	485969m	94.683	ug/l	
24) 1,1-Dichloroethane	6.015	63	101298	20.050	ug/l	99
25) 2-Butanone	6.990	43	123663	93.915	ug/l	94
26) 2,2-Dichloropropane	6.984	77	80250	18.433	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	61071	20.225	ug/l	98
28) Bromochloromethane	7.338	49	37395	20.858	ug/l	88
29) Tetrahydrofuran	7.350	42	87151	106.327	ug/l	93
30) Chloroform	7.509	83	104510	20.805	ug/l	95
31) Cyclohexane	7.789	56	85800	18.176	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	91129	20.330	ug/l	97
36) 1,1-Dichloropropene	7.917	75	77088	19.200	ug/l	98
37) Ethyl Acetate	7.076	43	60233	19.935	ug/l	98
38) Carbon Tetrachloride	7.899	117	83116	19.751	ug/l	94
39) Methylcyclohexane	9.185	83	85718	18.109	ug/l	97
40) Benzene	8.161	78	227871	20.148	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	25773m	18.305	ug/l	
42) 1,2-Dichloroethane	8.240	62	78083	21.117	ug/l	98
43) Isopropyl Acetate	8.271	43	99524	19.515	ug/l	99
44) Trichloroethene	8.941	130	60500	20.110	ug/l	97
45) 1,2-Dichloropropane	9.216	63	59286	20.048	ug/l	99
46) Dibromomethane	9.307	93	37394	21.134	ug/l	94
47) Bromodichloromethane	9.496	83	82008	20.713	ug/l	95
48) Methyl methacrylate	9.295	41	46073	19.671	ug/l	97
49) 1,4-Dioxane	9.307	88	7902	312.698	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	296212	104.230	ug/l	96
52) Toluene	10.246	92	139902	20.556	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	82913	19.787	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	93251	19.778	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	49563	21.152	ug/l	99
56) Ethyl methacrylate	10.508	69	66247	20.379	ug/l	93
57) 1,3-Dichloropropane	10.788	76	82300	20.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	135819	111.419	ug/l	96
59) 2-Hexanone	10.831	43	206355	99.889	ug/l	97
60) Dibromochloromethane	10.984	129	60066	21.112	ug/l	100
61) 1,2-Dibromoethane	11.087	107	49657	21.555	ug/l	97
64) Tetrachloroethene	10.721	164	53134	20.175	ug/l	98
65) Chlorobenzene	11.514	112	148852	19.729	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	57391	20.339	ug/l	98
67) Ethyl Benzene	11.593	91	254439	19.205	ug/l	97
68) m/p-Xylenes	11.703	106	202028	40.113	ug/l	100
69) o-Xylene	12.032	106	95877	20.129	ug/l	99
70) Styrene	12.044	104	163339	20.509	ug/l	99
71) Bromoform	12.209	173	40954	20.721	ug/l #	99
73) Isopropylbenzene	12.331	105	241938	18.226	ug/l	100
74) N-amyl acetate	12.142	43	86056	18.217	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	64194	19.784	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39100m	16.520	ug/l	
77) Bromobenzene	12.611	156	63573	19.765	ug/l	93
78) n-propylbenzene	12.672	91	303502	18.562	ug/l	97
79) 2-Chlorotoluene	12.758	91	174174	19.076	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	207542	19.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21396	18.491	ug/l	95
82) 4-Chlorotoluene	12.855	91	181780	19.101	ug/l	99
83) tert-Butylbenzene	13.075	119	174608	18.601	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	206496	19.603	ug/l	100
85) sec-Butylbenzene	13.251	105	261670	18.574	ug/l	99
86) p-Isopropyltoluene	13.367	119	217874	19.231	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	121253	19.787	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	120652	19.491	ug/l	99
89) n-Butylbenzene	13.697	91	197889	17.897	ug/l	98
90) Hexachloroethane	13.959	117	45667	19.153	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	110757	20.015	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11681	20.384	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	63685	19.303	ug/l	99
94) Hexachlorobutadiene	15.111	225	37427	19.492	ug/l	97
95) Naphthalene	15.239	128	141204	19.726	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	61574	20.939	ug/l	99

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

