

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009792.D
 Acq On : 01 Aug 2022 13:21
 Operator : KP/MD
 Sample : VY0801SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:37:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59665	44.020	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.040%		
35) Dibromofluoromethane	7.710	113	72202	46.796	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.600%		
50) Toluene-d8	10.179	98	192129	42.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	84.180%		
62) 4-Bromofluorobenzene	12.477	95	86288	42.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	84.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	31116	17.404	ug/l	100
3) Chloromethane	2.107	50	42698	19.506	ug/l	96
4) Vinyl Chloride	2.241	62	48502	19.855	ug/l	99
5) Bromomethane	2.631	94	35496	20.960	ug/l	97
6) Chloroethane	2.778	64	30605	20.943	ug/l	100
7) Trichlorofluoromethane	3.113	101	57799	17.911	ug/l	95
8) Diethyl Ether	3.521	74	17502	16.733	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	32881	18.019	ug/l	95
10) Methyl Iodide	4.082	142	40002	16.895	ug/l	89
11) Tert butyl alcohol	4.942	59	15339	77.076	ug/l	99
12) 1,1-Dichloroethene	3.863	96	30124	17.559	ug/l #	79
13) Acrolein	3.722	56	3237	94.543	ug/l	97
14) Allyl chloride	4.466	41	44423	16.469	ug/l #	93
15) Acrylonitrile	5.155	53	41982	83.337	ug/l	98
16) Acetone	3.936	43	35048	72.992	ug/l	92
17) Carbon Disulfide	4.180	76	92352	17.496	ug/l	100
18) Methyl Acetate	4.472	43	21782	16.786	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	76998	16.436	ug/l	97
20) Methylene Chloride	4.704	84	58328	19.373	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	34213	17.163	ug/l #	83
22) Diisopropyl ether	6.112	45	100887	17.563	ug/l	93
23) Vinyl Acetate	6.051	43	304354	83.874	ug/l	95
24) 1,1-Dichloroethane	6.003	63	59584	17.898	ug/l	99
25) 2-Butanone	6.978	43	55044	77.708	ug/l	91
26) 2,2-Dichloropropane	6.972	77	55445	17.519	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	38321	17.137	ug/l	87
28) Bromochloromethane	7.325	49	21125	17.603	ug/l #	83
29) Tetrahydrofuran	7.344	42	38751	86.388	ug/l	90
30) Chloroform	7.496	83	69999	20.099	ug/l	96
31) Cyclohexane	7.777	56	57816	18.094	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	61474	19.665	ug/l	96
36) 1,1-Dichloropropene	7.911	75	51655	20.575	ug/l	95
37) Ethyl Acetate	7.069	43	26538	17.835	ug/l #	94
38) Carbon Tetrachloride	7.892	117	57307	21.303	ug/l	99
39) Methylcyclohexane	9.179	83	58939	18.952	ug/l	89
40) Benzene	8.155	78	154524	20.773	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	13075	17.247	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	42476	20.481	ug/l	90
43) Isopropyl Acetate	8.270	43	48340	18.595	ug/l #	91
44) Trichloroethene	8.935	130	42765	20.041	ug/l	100
45) 1,2-Dichloropropane	9.209	63	35985	19.924	ug/l	96
46) Dibromomethane	9.301	93	19954	18.570	ug/l	93
47) Bromodichloromethane	9.496	83	46202	18.716	ug/l #	99
48) Methyl methacrylate	9.289	41	20150	17.626	ug/l #	87
49) 1,4-Dioxane	9.289	88	4668	354.096	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	120595	91.187	ug/l	94
52) Toluene	10.240	92	88594	19.014	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	46064	18.069	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	52987	18.097	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	27702	18.233	ug/l	97
56) Ethyl methacrylate	10.508	69	32780	17.318	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	45911	18.580	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	52205	72.581	ug/l	94
59) 2-Hexanone	10.831	43	80771	85.698	ug/l	91
60) Dibromochloromethane	10.983	129	33818	18.403	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26799	18.108	ug/l	100
64) Tetrachloroethene	10.715	164	37987	19.610	ug/l	97
65) Chlorobenzene	11.514	112	96996	19.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36152	19.705	ug/l	98
67) Ethyl Benzene	11.593	91	164236	19.273	ug/l	96
68) m/p-Xylenes	11.697	106	133434	39.445	ug/l	90
69) o-Xylene	12.026	106	60802	19.220	ug/l	90
70) Styrene	12.038	104	103517	19.470	ug/l	94
71) Bromoform	12.203	173	22990	19.624	ug/l #	99
73) Isopropylbenzene	12.331	105	161097	18.724	ug/l	100
74) N-amyl acetate	12.142	43	39335	17.700	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	31898	18.848	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	22370m	18.608	ug/l	
77) Bromobenzene	12.605	156	40918	19.149	ug/l	89
78) n-propylbenzene	12.672	91	200255	19.585	ug/l	97
79) 2-Chlorotoluene	12.751	91	108446	18.741	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	136813	19.186	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	11114	18.427	ug/l	86
82) 4-Chlorotoluene	12.855	91	115519	19.190	ug/l	95
83) tert-Butylbenzene	13.074	119	119308	18.618	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	136956	19.056	ug/l	97
85) sec-Butylbenzene	13.251	105	181472	19.288	ug/l	98
86) p-Isopropyltoluene	13.367	119	153694	19.314	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	82963	19.229	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	84111	19.359	ug/l	98
89) n-Butylbenzene	13.696	91	140543	19.278	ug/l	98
90) Hexachloroethane	13.958	117	31108	19.873	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	74118	19.236	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4825	16.967	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	44602	18.340	ug/l	99
94) Hexachlorobutadiene	15.111	225	28190	19.145	ug/l	98
95) Naphthalene	15.233	128	77742	17.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	39464	18.554	ug/l	99

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

