

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008080.D
 Acq On : 29 Mar 2022 11:36
 Operator : SY/MD
 Sample : VY0329SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0329SBS01

Quant Time: Mar 30 03:57:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
 Supervised By :Semsettin Yesilyurt 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	157273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272316	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	240812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76373	48.401	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.800%		
35) Dibromofluoromethane	7.722	113	84876	49.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.420%		
50) Toluene-d8	10.185	98	317014	49.284	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.489	95	106298	46.840	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29189	20.588	ug/l	96
3) Chloromethane	2.119	50	35731	20.696	ug/l	96
4) Vinyl Chloride	2.260	62	43843	19.086	ug/l	99
5) Bromomethane	2.656	94	38344	20.368	ug/l	95
6) Chloroethane	2.802	64	28579	18.914	ug/l	98
7) Trichlorofluoromethane	3.137	101	55538	19.113	ug/l	97
8) Diethyl Ether	3.540	74	17542	18.642	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.912	101	35008	19.422	ug/l	91
10) Methyl Iodide	4.107	142	34817	17.674	ug/l	91
11) Tert butyl alcohol	4.954	59	11830	72.260	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	32765	19.636	ug/l #	78
13) Acrolein	3.741	56	11238	84.335	ug/l	99
14) Allyl chloride	4.491	41	43072	19.619	ug/l #	90
15) Acrylonitrile	5.168	53	39434	87.979	ug/l	95
16) Acetone	3.954	43	29883	82.855	ug/l #	79
17) Carbon Disulfide	4.204	76	98934	20.924	ug/l	99
18) Methyl Acetate	4.485	43	17129	12.631	ug/l #	84
19) Methyl tert-butyl Ether	5.228	73	87245	18.398	ug/l	96
20) Methylene Chloride	4.729	84	38544	17.995	ug/l #	75
21) trans-1,2-Dichloroethene	5.228	96	39096	20.235	ug/l #	81
22) Diisopropyl ether	6.125	45	92250	19.531	ug/l #	94
23) Vinyl Acetate	6.070	43	285337	97.493	ug/l #	85
24) 1,1-Dichloroethane	6.027	63	61910	19.798	ug/l	98
25) 2-Butanone	6.990	43	46070	83.938	ug/l #	76
26) 2,2-Dichloropropane	6.990	77	57977	19.578	ug/l	91
27) cis-1,2-Dichloroethene	6.996	96	44190	19.731	ug/l	80
28) Bromochloromethane	7.344	49	21228	20.858	ug/l #	70
29) Tetrahydrofuran	7.356	42	30067	84.262	ug/l #	73
30) Chloroform	7.515	83	65771	19.425	ug/l	98
31) Cyclohexane	7.789	56	56979	19.318	ug/l	84
32) 1,1,1-Trichloroethane	7.704	97	61809	19.757	ug/l	95
36) 1,1-Dichloropropene	7.923	75	51476	19.194	ug/l	95
37) Ethyl Acetate	7.082	43	21208	16.928	ug/l #	89
38) Carbon Tetrachloride	7.911	117	54314	18.584	ug/l	97
39) Methylcyclohexane	9.191	83	66140	18.271	ug/l #	86
40) Benzene	8.167	78	146664	19.118	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	13969m	22.205	ug/l	
42) 1,2-Dichloroethane	8.240	62	39626	18.413	ug/l	90
43) Isopropyl Acetate	8.277	43	41411	16.837	ug/l #	85
44) Trichloroethene	8.947	130	42597	19.202	ug/l	98
45) 1,2-Dichloropropane	9.222	63	34349	18.998	ug/l	93
46) Dibromomethane	9.307	93	21621	18.187	ug/l	95
47) Bromodichloromethane	9.502	83	50484	18.571	ug/l	96
48) Methyl methacrylate	9.295	41	17645	16.198	ug/l #	77
49) 1,4-Dioxane	9.301	88	4717	298.475	ug/l #	87
51) 4-Methyl-2-Pentanone	10.075	43	101957	82.193	ug/l #	83
52) Toluene	10.252	92	97454	19.370	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	50397	18.086	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	58648	18.593	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	29709	18.098	ug/l	97
56) Ethyl methacrylate	10.514	69	36942	17.252	ug/l #	73
57) 1,3-Dichloropropane	10.795	76	48871	18.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	74204	83.639	ug/l #	89
59) 2-Hexanone	10.837	43	69929	80.562	ug/l	79
60) Dibromochloromethane	10.990	129	35529	17.796	ug/l	100
61) 1,2-Dibromoethane	11.093	107	28594	17.490	ug/l	99
64) Tetrachloroethene	10.721	164	34236	18.510	ug/l	96
65) Chlorobenzene	11.520	112	103904	19.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	37840	18.893	ug/l	97
67) Ethyl Benzene	11.599	91	185893	19.533	ug/l	99
68) m/p-Xylenes	11.709	106	145573	38.469	ug/l	92
69) o-Xylene	12.032	106	69767	19.255	ug/l	90
70) Styrene	12.050	104	111865	18.860	ug/l	95
71) Bromoform	12.215	173	19767	16.346	ug/l #	99
73) Isopropylbenzene	12.337	105	181851	19.711	ug/l	100
74) N-amyl acetate	12.148	43	35370	17.440	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.587	83	32654	18.209	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	23674m	17.375	ug/l	
77) Bromobenzene	12.617	156	39185	18.513	ug/l	96
78) n-propylbenzene	12.678	91	215249	19.779	ug/l	98
79) 2-Chlorotoluene	12.764	91	117506	19.465	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	147168	19.471	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	10737	17.582	ug/l #	82
82) 4-Chlorotoluene	12.861	91	125288	20.226	ug/l	98
83) tert-Butylbenzene	13.081	119	130327	19.354	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	144007	19.565	ug/l	98
85) sec-Butylbenzene	13.258	105	193914	19.510	ug/l	100
86) p-Isopropyltoluene	13.373	119	160777	19.437	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78809	18.780	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	79768	19.061	ug/l	98
89) n-Butylbenzene	13.703	91	148543	19.518	ug/l	99
90) Hexachloroethane	13.965	117	29807	18.598	ug/l	82
91) 1,2-Dichlorobenzene	13.745	146	69967	18.938	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4525	15.810	ug/l	80
93) 1,2,4-Trichlorobenzene	15.013	180	38574	17.432	ug/l	98
94) Hexachlorobutadiene	15.117	225	20447	17.467	ug/l	98
95) Naphthalene	15.239	128	78768	16.104	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	32537	16.994	ug/l	98

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

