

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008728.D
 Acq On : 12 May 2022 00:33
 Operator : KP/MD
 Sample : VY0511SBSD03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD03

Quant Time: May 12 09:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	92210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55297	69.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.980%	
35) Dibromofluoromethane	7.716	113	47456	47.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.420%	
50) Toluene-d8	10.179	98	157122	44.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.720%	
62) 4-Bromofluorobenzene	12.477	95	58244	45.703	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	8488	17.612	ug/l	91
3) Chloromethane	2.113	50	21472	36.189	ug/l	96
4) Vinyl Chloride	2.259	62	37040	49.171	ug/l	100
5) Bromomethane	2.656	94	36666	60.567	ug/l	90
6) Chloroethane	2.796	64	28398	54.943	ug/l	96
7) Trichlorofluoromethane	3.119	101	20220	22.184	ug/l	93
8) Diethyl Ether	3.521	74	13745	23.837	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.906	101	19768	21.194	ug/l	92
10) Methyl Iodide	4.088	142	30674	19.817	ug/l	92
11) Tert butyl alcohol	4.960	59	12247	175.929	ug/l	96
12) 1,1-Dichloroethene	3.869	96	20068	20.791	ug/l	89
13) Acrolein	3.723	56	11475	147.074	ug/l	100
14) Allyl chloride	4.479	41	28049	22.463	ug/l #	88
15) Acrylonitrile	5.155	53	38232	147.960	ug/l	97
16) Acetone	3.942	43	28581	153.327	ug/l #	89
17) Carbon Disulfide	4.192	76	55985	21.869	ug/l	98
18) Methyl Acetate	4.466	43	19259	34.332	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	46829	26.318	ug/l	97
20) Methylene Chloride	4.710	84	32239	28.479	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	24040	22.159	ug/l	85
22) Diisopropyl ether	6.112	45	70383	26.038	ug/l #	95
23) Vinyl Acetate	6.058	43	250093	146.477	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	42118	24.267	ug/l	96
25) 2-Butanone	6.984	43	47329	154.459	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	26967	23.242	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	28057	22.877	ug/l	83
28) Bromochloromethane	7.332	49	15746	25.583	ug/l #	85
29) Tetrahydrofuran	7.350	42	31679	154.693	ug/l #	81
30) Chloroform	7.502	83	45023	24.530	ug/l	97
31) Cyclohexane	7.783	56	34731	22.221	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	36137	24.024	ug/l	98
36) 1,1-Dichloropropene	7.917	75	33117	20.505	ug/l	99
37) Ethyl Acetate	7.070	43	23089	28.751	ug/l	97
38) Carbon Tetrachloride	7.899	117	32299	19.773	ug/l	98
39) Methylcyclohexane	9.185	83	39458	18.890	ug/l	88
40) Benzene	8.161	78	98401	20.970	ug/l	98

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05/12/2022
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9688m	22.306	ug/l	
42) 1,2-Dichloroethane	8.234	62	31122	25.586	ug/l	91
43) Isopropyl Acetate	8.271	43	40225	27.574	ug/l #	92
44) Trichloroethene	8.935	130	25333	18.499	ug/l	96
45) 1,2-Dichloropropane	9.216	63	24834	21.692	ug/l	95
46) Dibromomethane	9.301	93	17217	24.028	ug/l	93
47) Bromodichloromethane	9.496	83	37183	23.239	ug/l	95
48) Methyl methacrylate	9.289	41	17025	26.809	ug/l #	83
49) 1,4-Dioxane	9.295	88	4291	495.206	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	113086	148.215	ug/l	91
52) Toluene	10.246	92	63845	20.899	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	38381	22.322	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	41887	21.347	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	23296	22.797	ug/l	93
56) Ethyl methacrylate	10.508	69	29895	23.119	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	39105	23.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	74965	117.082	ug/l	95
59) 2-Hexanone	10.831	43	77383	148.082	ug/l	88
60) Dibromochloromethane	10.984	129	26677	21.499	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23469	23.306	ug/l	99
64) Tetrachloroethene	10.721	164	20533	16.373	ug/l	97
65) Chlorobenzene	11.514	112	71112	19.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	25881	19.362	ug/l	96
67) Ethyl Benzene	11.593	91	119857	19.377	ug/l	98
68) m/p-Xylenes	11.703	106	94578	38.216	ug/l	91
69) o-Xylene	12.026	106	44869	19.111	ug/l	91
70) Styrene	12.044	104	77323	19.835	ug/l	93
71) Bromoform	12.209	173	16834	19.541	ug/l #	99
73) Isopropylbenzene	12.331	105	115340	18.807	ug/l	99
74) N-amyl acetate	12.142	43	35801	25.999	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	30157	23.493	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	20870m	23.063	ug/l	
77) Bromobenzene	12.605	156	28238	18.403	ug/l	97
78) n-propylbenzene	12.672	91	139879	19.184	ug/l	99
79) 2-Chlorotoluene	12.758	91	77894	19.310	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	93332	18.790	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	9993	21.971	ug/l #	83
82) 4-Chlorotoluene	12.855	91	81562	19.498	ug/l	97
83) tert-Butylbenzene	13.075	119	82905	18.605	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	93738	19.109	ug/l	96
85) sec-Butylbenzene	13.251	105	124729	18.938	ug/l	100
86) p-Isopropyltoluene	13.367	119	100865	18.430	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	55008	18.532	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56676	19.257	ug/l	98
89) n-Butylbenzene	13.696	91	96584	19.284	ug/l	99
90) Hexachloroethane	13.959	117	20489	19.282	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	50988	19.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4580	24.107	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	28007	16.652	ug/l	99
94) Hexachlorobutadiene	15.111	225	13814	14.989	ug/l	97
95) Naphthalene	15.233	128	69815	20.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26175	17.660	ug/l	97

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

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

