

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019988.D
 Acq On : 23 Oct 2024 12:43
 Operator : SY/MD
 Sample : VY1023SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 23 23:06:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	234262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	429341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	361190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	176333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148175	51.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.634	113	141842	50.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.120%	
50) Toluene-d8	10.109	98	495215	47.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.660%	
62) 4-Bromofluorobenzene	12.402	95	179294	47.427	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	41266	18.922	ug/l	97
3) Chloromethane	2.068	50	57712	20.333	ug/l	97
4) Vinyl Chloride	2.202	62	62696	20.073	ug/l	96
5) Bromomethane	2.592	94	44164	22.339	ug/l	98
6) Chloroethane	2.733	64	46229	22.032	ug/l	98
7) Trichlorofluoromethane	3.062	101	100648	21.656	ug/l	94
8) Diethyl Ether	3.458	74	30645	21.695	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.812	101	57939	21.432	ug/l	91
10) Methyl Iodide	4.007	142	49260	18.017	ug/l #	89
11) Tert butyl alcohol	4.879	59	28086	110.383	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	48438	19.274	ug/l #	82
13) Acrolein	3.659	56	16834	79.425	ug/l	96
14) Allyl chloride	4.391	41	93885	20.705	ug/l #	89
15) Acrylonitrile	5.068	53	80380	124.414	ug/l	97
16) Acetone	3.873	43	83248	110.869	ug/l #	84
17) Carbon Disulfide	4.104	76	95775	14.218	ug/l	99
18) Methyl Acetate	4.391	43	36283	22.431	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	167580	23.210	ug/l	99
20) Methylene Chloride	4.616	84	62861	22.209	ug/l	89
21) trans-1,2-Dichloroethene	5.122	96	55002	20.109	ug/l	91
22) Diisopropyl ether	6.019	45	240184	24.317	ug/l #	89
23) Vinyl Acetate	5.964	43	648774	114.578	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	126308	23.005	ug/l	95
25) 2-Butanone	6.903	43	117645	117.052	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	105141	21.503	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	73785	21.828	ug/l	83
28) Bromochloromethane	7.244	49	56256	23.279	ug/l #	71
29) Tetrahydrofuran	7.268	42	67209	117.116	ug/l #	81
30) Chloroform	7.421	83	134843	24.093	ug/l	100
31) Cyclohexane	7.701	56	90240	18.724	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	111564	22.746	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	80943	19.831	ug/l	95
37) Ethyl Acetate	6.988	43	46584	21.887	ug/l	99
38) Carbon Tetrachloride	7.817	117	91123	20.825	ug/l	96
39) Methylcyclohexane	9.109	83	95201	18.511	ug/l #	84
40) Benzene	8.079	78	257999	20.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	31561	27.399	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	79460	22.390	ug/l	95
43) Isopropyl Acetate	8.201	43	96728	22.285	ug/l #	76
44) Trichloroethene	8.866	130	60148	20.104	ug/l	86
45) 1,2-Dichloropropane	9.140	63	68825	22.260	ug/l	99
46) Dibromomethane	9.231	93	36519	21.618	ug/l	89
47) Bromodichloromethane	9.420	83	102293	22.814	ug/l	98
48) Methyl methacrylate	9.219	41	43129	22.589	ug/l #	81
49) 1,4-Dioxane	9.231	88	6916	365.796	ug/l #	75
51) 4-Methyl-2-Pentanone	10.000	43	257733	116.412	ug/l	88
52) Toluene	10.170	92	164044	21.275	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	84396	20.919	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	99550	20.912	ug/l #	80
55) 1,1,2-Trichloroethane	10.573	97	49676	22.320	ug/l	91
56) Ethyl methacrylate	10.438	69	69353	21.717	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	88276	22.586	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	161173	108.411	ug/l	91
59) 2-Hexanone	10.762	43	180437	114.108	ug/l	86
60) Dibromochloromethane	10.908	129	61571	21.554	ug/l	98
61) 1,2-Dibromoethane	11.012	107	43568	21.663	ug/l	97
64) Tetrachloroethene	10.646	164	49614	19.312	ug/l	91
65) Chlorobenzene	11.438	112	179045	21.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	62832	22.480	ug/l	99
67) Ethyl Benzene	11.518	91	323645	21.566	ug/l	98
68) m/p-Xylenes	11.627	106	234915	42.385	ug/l	92
69) o-Xylene	11.950	106	113837	21.377	ug/l	90
70) Styrene	11.969	104	194454	21.644	ug/l	94
71) Bromoform	12.127	173	32470	21.700	ug/l #	99
73) Isopropylbenzene	12.255	105	312193	21.049	ug/l	97
74) N-amyl acetate	12.072	43	85311	21.717	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	61971	23.514	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	51183m	14.817	ug/l	
77) Bromobenzene	12.530	156	64681	20.551	ug/l	82
78) n-propylbenzene	12.597	91	390262	21.776	ug/l	96
79) 2-Chlorotoluene	12.676	91	224471	21.847	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	253541	21.167	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	17651	20.625	ug/l #	82
82) 4-Chlorotoluene	12.773	91	227461	21.651	ug/l	93
83) tert-Butylbenzene	12.993	119	239409	22.311	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	254258	21.410	ug/l	96
85) sec-Butylbenzene	13.176	105	350198	21.843	ug/l	98
86) p-Isopropyltoluene	13.292	119	279184	21.445	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	134704	21.193	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	133026	21.304	ug/l	96
89) n-Butylbenzene	13.615	91	282343	22.211	ug/l	97
90) Hexachloroethane	13.877	117	54792	21.614	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	118715	21.257	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9458	22.487	ug/l	66
93) 1,2,4-Trichlorobenzene	14.919	180	64001	20.437	ug/l	97
94) Hexachlorobutadiene	15.023	225	36436	20.928	ug/l	98
95) Naphthalene	15.145	128	123781	20.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	54734	20.676	ug/l	97

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

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