

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016386.D
 Acq On : 16 Nov 2023 14:05
 Operator : SY/MD
 Sample : VY1116SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS02

Quant Time: Nov 17 04:05:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh

Dadoda

11/17/2023

Supervised By :Semsetun

Yesilyurt

11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	155596	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	254168	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	222977	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	103551	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	70639	49.673	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.716	113	74943	51.906	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.179	98	290150	49.556	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.483	95	94402	49.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	28361	18.615	ug/l	95
3) Chloromethane	2.113	50	30295	16.979	ug/l	96
4) Vinyl Chloride	2.247	62	32727	17.057	ug/l	98
5) Bromomethane	2.644	94	21375	16.952	ug/l	96
6) Chloroethane	2.790	64	21801	17.807	ug/l	96
7) Trichlorofluoromethane	3.119	101	52957	18.971	ug/l	99
8) Diethyl Ether	3.522	74	16096	19.293	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	31330	18.635	ug/l	95
10) Methyl Iodide	4.088	142	31819	17.523	ug/l	98
11) Tert butyl alcohol	4.948	59	9975	89.574	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	27875	17.728	ug/l	86
13) Acrolein	3.729	56	11674	86.912	ug/l	97
14) Allyl chloride	4.473	41	40288	18.056	ug/l #	92
15) Acrylonitrile	5.155	53	31978	96.585	ug/l	99
16) Acetone	3.942	43	28013	119.087	ug/l #	85
17) Carbon Disulfide	4.192	76	74657	15.737	ug/l	98
18) Methyl Acetate	4.466	43	23931	19.146	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	72631	19.085	ug/l	99
20) Methylene Chloride	4.716	84	40207	22.265	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	33264	18.374	ug/l	91
22) Diisopropyl ether	6.113	45	91448	19.017	ug/l	90
23) Vinyl Acetate	6.058	43	214965	92.259	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	57061	19.235	ug/l	96
25) 2-Butanone	6.978	43	43156	104.743	ug/l	90
26) 2,2-Dichloropropane	6.978	77	51816	19.191	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	38041	19.498	ug/l	90
28) Bromochloromethane	7.332	49	21193	19.303	ug/l	84
29) Tetrahydrofuran	7.344	42	25622	94.084	ug/l	89
30) Chloroform	7.503	83	62494	20.239	ug/l	96
31) Cyclohexane	7.783	56	47491	16.962	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	54551	19.272	ug/l	97
36) 1,1-Dichloropropene	7.917	75	45340	18.085	ug/l	99
37) Ethyl Acetate	7.070	43	18368	18.133	ug/l #	96
38) Carbon Tetrachloride	7.899	117	48986	18.826	ug/l	97
39) Methylcyclohexane	9.185	83	52885	16.929	ug/l	93
40) Benzene	8.161	78	132275	18.779	ug/l	98

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Supervised By :Semsettin
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41) Methacrylonitrile	7.301	41	9819	19.224	ug/l	#	85
42) 1,2-Dichloroethane	8.234	62	35402	19.398	ug/l		93
43) Isopropyl Acetate	8.271	43	35039	17.894	ug/l	#	88
44) Trichloroethene	8.941	130	38357	18.948	ug/l		90
45) 1,2-Dichloropropane	9.216	63	32326	19.109	ug/l		97
46) Dibromomethane	9.307	93	17676	19.282	ug/l		98
47) Bromodichloromethane	9.496	83	46864	19.885	ug/l		95
48) Methyl methacrylate	9.295	41	19157	17.702	ug/l	#	84
49) 1,4-Dioxane	9.295	88	3687	378.852	ug/l	#	63
51) 4-Methyl-2-Pentanone	10.069	43	92438	93.357	ug/l		89
52) Toluene	10.246	92	86228	19.366	ug/l		93
53) t-1,3-Dichloropropene	10.465	75	44513	19.483	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	52846	19.366	ug/l	#	89
55) 1,1,2-Trichloroethane	10.642	97	24956	19.752	ug/l		97
56) Ethyl methacrylate	10.508	69	22355	18.743	ug/l	#	84
57) 1,3-Dichloropropane	10.789	76	41733	19.377	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.783	63	74857	92.562	ug/l		93
59) 2-Hexanone	10.831	43	71561	97.163	ug/l		88
60) Dibromochloromethane	10.984	129	31526	19.951	ug/l		99
61) 1,2-Dibromoethane	11.087	107	23030	19.132	ug/l		98
64) Tetrachloroethene	10.721	164	37582	18.771	ug/l		98
65) Chlorobenzene	11.520	112	90717	19.042	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35029	19.936	ug/l		98
67) Ethyl Benzene	11.593	91	159378	18.615	ug/l		99
68) m/p-Xylenes	11.703	106	123453	38.017	ug/l		94
69) o-Xylene	12.032	106	57451	19.055	ug/l		96
70) Styrene	12.044	104	83904	19.435	ug/l		97
71) Bromoform	12.209	173	17953	19.691	ug/l	#	100
73) Isopropylbenzene	12.331	105	157270	18.755	ug/l		99
74) N-amyl acetate	12.142	43	28498	16.920	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	26041	19.353	ug/l		100
76) 1,2,3-Trichloropropane	12.630	75	20290m	20.426	ug/l		
77) Bromobenzene	12.611	156	36443	19.229	ug/l		93
78) n-propylbenzene	12.672	91	185227	18.691	ug/l		99
79) 2-Chlorotoluene	12.758	91	103044	18.868	ug/l		98
80) 1,3,5-Trimethylbenzene	12.813	105	127864	18.913	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	8784	19.194	ug/l		89
82) 4-Chlorotoluene	12.855	91	106157	18.812	ug/l		98
83) tert-Butylbenzene	13.075	119	112181	18.838	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	126390	18.986	ug/l		98
85) sec-Butylbenzene	13.252	105	161961	19.038	ug/l		100
86) p-Isopropyltoluene	13.373	119	139812	19.086	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	70733	19.400	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	68082	19.106	ug/l		98
89) n-Butylbenzene	13.697	91	124577	18.415	ug/l		97
90) Hexachloroethane	13.959	117	26986	19.097	ug/l		92
91) 1,2-Dichlorobenzene	13.739	146	60401	19.332	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3546	16.564	ug/l		87
93) 1,2,4-Trichlorobenzene	15.007	180	31957	17.523	ug/l		99
94) Hexachlorobutadiene	15.111	225	20120	19.257	ug/l		96
95) Naphthalene	15.239	128	52352	16.050	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	25183	16.695	ug/l		98

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

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