

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016497.D
 Acq On : 24 Nov 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 27 04:50:29 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 11/27/2023
 Supervised By :Semsettin Yesilyurt 11/27/2023

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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	137395	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	221092	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	199770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96472	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.167	65	69296	55.184	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.360%	
35) Dibromofluoromethane	7.740	113	74433	59.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.520%	
50) Toluene-d8	10.197	98	275640	54.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.502	95	95124	57.506	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.020%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.918	85	64597	48.016	ug/l	99
3) Chloromethane	2.125	50	72557	46.051	ug/l	97
4) Vinyl Chloride	2.266	62	82730	48.830	ug/l	100
5) Bromomethane	2.668	94	55528	49.871	ug/l	100
6) Chloroethane	2.814	64	52926	48.957	ug/l	94
7) Trichlorofluoromethane	3.150	101	130603	52.985	ug/l	97
8) Diethyl Ether	3.552	74	43440	58.966	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.930	101	75547	50.887	ug/l	97
10) Methyl Iodide	4.119	142	92171	57.484	ug/l	98
11) Tert butyl alcohol	4.985	59	28418	288.995	ug/l #	81
12) 1,1-Dichloroethene	3.899	96	72655	52.329	ug/l	82
13) Acrolein	3.759	56	24166	203.746	ug/l	97
14) Allyl chloride	4.509	41	92809	47.105	ug/l #	89
15) Acrylonitrile	5.192	53	86809	296.927	ug/l	97
16) Acetone	3.979	43	63539	305.896	ug/l #	85
17) Carbon Disulfide	4.229	76	217481	51.915	ug/l	100
18) Methyl Acetate	4.509	43	74929	67.887	ug/l #	82
19) Methyl tert-butyl Ether	5.253	73	200472	59.657	ug/l	96
20) Methylene Chloride	4.753	84	85788	59.097	ug/l #	80
21) trans-1,2-Dichloroethene	5.259	96	88017	55.059	ug/l	88
22) Diisopropyl ether	6.149	45	210682	49.617	ug/l #	87
23) Vinyl Acetate	6.094	43	497979	242.036	ug/l #	87
24) 1,1-Dichloroethane	6.051	63	137667	52.554	ug/l	95
25) 2-Butanone	7.015	43	103013	283.141	ug/l #	87
26) 2,2-Dichloropropane	7.009	77	116245	48.758	ug/l	94
27) cis-1,2-Dichloroethene	7.015	96	98107	56.946	ug/l	85
28) Bromochloromethane	7.362	49	50320	51.903	ug/l #	72
29) Tetrahydrofuran	7.374	42	69079	287.261	ug/l #	78
30) Chloroform	7.533	83	154197	56.552	ug/l	97
31) Cyclohexane	7.813	56	109447	44.269	ug/l #	83
32) 1,1,1-Trichloroethane	7.734	97	139364	55.758	ug/l	95
36) 1,1-Dichloropropene	7.947	75	111531	51.142	ug/l	97
37) Ethyl Acetate	7.106	43	46915	53.242	ug/l #	90
38) Carbon Tetrachloride	7.929	117	127116	56.162	ug/l	98
39) Methylcyclohexane	9.209	83	138256	50.877	ug/l	88
40) Benzene	8.185	78	337189	55.032	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.332	41	21437	48.250	ug/l	#	84
42) 1,2-Dichloroethane	8.264	62	92374	58.186	ug/l		91
43) Isopropyl Acetate	8.295	43	89418	52.498	ug/l	#	85
44) Trichloroethene	8.959	130	102898	58.434	ug/l		93
45) 1,2-Dichloropropane	9.240	63	79175	53.806	ug/l		98
46) Dibromomethane	9.325	93	48904	61.329	ug/l		99
47) Bromodichloromethane	9.520	83	118215	57.665	ug/l		96
48) Methyl methacrylate	9.313	41	51904	55.138	ug/l	#	78
49) 1,4-Dioxane	9.319	88	10909	1288.632	ug/l	#	56
51) 4-Methyl-2-Pentanone	10.087	43	246037	285.656	ug/l	#	85
52) Toluene	10.264	92	217798	56.233	ug/l		94
53) t-1,3-Dichloropropene	10.484	75	116701	58.722	ug/l		99
54) cis-1,3-Dichloropropene	9.947	75	133719	56.335	ug/l	#	84
55) 1,1,2-Trichloroethane	10.660	97	68951	62.736	ug/l		94
56) Ethyl methacrylate	10.526	69	65168	62.814	ug/l	#	77
57) 1,3-Dichloropropane	10.813	76	112623	60.116	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.801	63	212869	302.593	ug/l	#	89
59) 2-Hexanone	10.849	43	171970	268.427	ug/l		81
60) Dibromochloromethane	11.002	129	89488	65.104	ug/l		100
61) 1,2-Dibromoethane	11.105	107	65971	63.005	ug/l		99
64) Tetrachloroethene	10.740	164	109616	61.110	ug/l		97
65) Chlorobenzene	11.538	112	238367	55.848	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.611	131	93085	59.131	ug/l		99
67) Ethyl Benzene	11.611	91	410994	53.581	ug/l		96
68) m/p-Xylenes	11.721	106	320275	110.084	ug/l		93
69) o-Xylene	12.050	106	153532	56.838	ug/l		95
70) Styrene	12.063	104	224947	58.158	ug/l		97
71) Bromoform	12.227	173	55029	67.368	ug/l	#	98
73) Isopropylbenzene	12.349	105	403856	51.696	ug/l		98
74) N-amyl acetate	12.160	43	72541	46.229	ug/l	#	80
75) 1,1,2,2-Tetrachloroethane	12.599	83	71890	57.349	ug/l		99
76) 1,2,3-Trichloropropane	12.648	75	52987m	57.256	ug/l		
77) Bromobenzene	12.630	156	100201	56.751	ug/l		90
78) n-propylbenzene	12.691	91	460250	49.852	ug/l		97
79) 2-Chlorotoluene	12.776	91	263092	51.710	ug/l		97
80) 1,3,5-Trimethylbenzene	12.831	105	332757	52.831	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.398	75	23070	54.109	ug/l		89
82) 4-Chlorotoluene	12.873	91	270646	51.479	ug/l		96
83) tert-Butylbenzene	13.093	119	290448	52.354	ug/l		97
84) 1,2,4-Trimethylbenzene	13.136	105	328657	52.993	ug/l		97
85) sec-Butylbenzene	13.270	105	402487	50.782	ug/l		98
86) p-Isopropyltoluene	13.386	119	355921	52.152	ug/l		98
87) 1,3-Dichlorobenzene	13.386	146	185032	54.472	ug/l		99
88) 1,4-Dichlorobenzene	13.465	146	182139	54.866	ug/l		100
89) n-Butylbenzene	13.715	91	312035	49.509	ug/l		95
90) Hexachloroethane	13.977	117	70095	53.243	ug/l		98
91) 1,2-Dichlorobenzene	13.757	146	163106	56.035	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	11411	57.215	ug/l		76
93) 1,2,4-Trichlorobenzene	15.025	180	99209	58.392	ug/l		99
94) Hexachlorobutadiene	15.129	225	54642	56.136	ug/l		99
95) Naphthalene	15.251	128	194598	64.039	ug/l		99
96) 1,2,3-Trichlorobenzene	15.440	180	83808	59.637	ug/l		99

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Yesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

